

JUNE 1976

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STORM DATA



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NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL
DATA SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, N.C.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1976

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE	CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS		
ALABAMA										
Montgomery County	4	5:00p			0	0	5	0		Flash Flooding
					Heavy rains moved into the urban Montgomery area, dumping four inches of rainfall in one hour. Damage to storm sewers, culverts and drainage ditches estimated at \$100,000.					
Dallas County	4	1:00p			0	0	?	0		High winds
					Severe thunderstorms with high wind moved through the Selma area. Minor damage to one mobile home and several trees uprooted.					
Houston County	10	Evening			0	0	3	0		High winds and minor flooding
					Heavy rain, lightning and high winds hit the Dothan area. Electric power was knocked out due to lightning and wind with damage estimated at \$5,000. Over one inch of rain fell in one hour in south Dothan.					
Jefferson County	19	8:40a			0	0	0	0		Urban flooding
					Heavy rains in the Birmingham area caused urban flooding in several parts of the city. No damage was reported.					
ALASKA										
					NONE REPORTED					
ARIZONA										
Winslow Navajo County	29	12:10 p.			0	0	0	0		Wind
					Heavy thunderstorm produced winds with peak gust of 61 m.p.h. No damage reported.					
ARKANSAS										
Fifty-Six Stone County	15	6:00 p.			0	0	?	?		Hail
					Hail up to the size of golf balls fell for a short period of time.					
Timbo to Allison Stone County	15	6:05 p. to 6:25 p.	10	25	0	0	3	0		Tornado
					A tornado moving toward the east-northeast touched down near Timbo and moved to the vicinity of Allison before dissipating. The tornado passed primarily over a wooded area but some outbuildings did sustain damage.					
Arkadelphia Clark County	15	7:28 p.								Funnel Cloud
					A funnel cloud was reported by the public. No movement was given.					
Hope Hempstead County	15	8:55 p.			0	0	3	0		Hail
					Hail up to three inches in diameter fell briefly on the city. Several autos sustained minor damage.					
Western Dallas County	15	10:30 p. to 11:05 p.			0	0	4	C		Rains
					Heavy rains flooded portions of western Dallas County. The Sparkman area received nearly five inches in thirty-five minutes. Water entered the first floor of five Sparkman business firms resulting in only minor damage.					
Des Arc Prairie County	15	10:30 p.			0	0	3	0		Winds
					Winds generated by thunderstorms moving through the area damaged numerous outbuildings and unroofed several barns.					
Texarkana Miller County	18	6:15 a. to 7:00 a.			0	0	4	0		Rains
					Heavy rains produced by thunderstorms caused extensive flooding in portions of the city. Water got so deep that 200 persons were forced to evacuate homes and businesses. Several autos were also flooded.					
Carroll County	23	9:00 a. to 12:30 p.			0	0	5	C		Rains
					Heavy rains in excess of five inches caused flooding in most of the county. The brunt of the damage was to bridges and roads.					
ARKANSAS (continued)										
Lake Millwood Southwest Arkansas	26	2:05 p.			1	0	0	0		Lightning
					An El Dorado man fishing on a boat at Lake Millwood was struck and killed by lightning. His two companions were uninjured.					
Heber Springs Cleburne County	29	11:15 p.			0	0	0	0		Hail
					Hail up to golf ball size fell for a brief period of time. No damage was reported.					
CALIFORNIA										
NORTHERN & CENTRAL					NONE REPORTED					
CALIFORNIA										
SOUTHERN					NONE REPORTED					
COLORADO										
Denver (Buckley AFB)	03	1534								Funnel Cloud
					Funnel cloud observed from Buckley Air Force Base to the SW of Buckley (not confirmed as a tornado)					
Colorado Springs	03	1700			0	0	?	?		Thunderstorm wind
					Minor wind damage near Templeton Gap Road and Academy Boulevard. (Radar indicated strong thunderstorms afternoon and evening in Elbert, Douglas, Arapahoe, and Lincoln counties)					
Platteville (Weld Co.)	04	1430	1.5	200	0	0	4	C		Tornado
					Tornado swept along a 1 1/2 mile stretch of the St. Vrain River, uprooting trees and clearing a path stripped of vegetation in a cornfield. Same observers reported the 3 additional tornadoes following:					
Platteville (Weld Co.)	04	1430	0.5	150	0	0	?	?		Tornado
					Sighted near St. Vrain Nuclear Power Generating Plant, near Platteville					
Platteville (Weld Co.)	04	1430	0.5	150	0	0	?	?		Tornado
					Photograph taken of tornado at 3 miles west and 2 miles south of Platteville					
Platteville (Weld Co.)	04	1430	0.5	150	0	0	?	?		Tornado
					Sighted by public in addition to preceding tornadoes					
Greeley (Weld Co.)	04	1445	0.5	150	0	0	3	?		Tornado
					Tornado 7 miles west of Greeley destroyed a cinder block hog barn with \$3000 damage reported.					
Greeley (Weld Co.)	04	1510	0.2	100	0	0	?	?		Tornado
					Touched down briefly at Kersey (5 miles east of Greeley)					
Greeley (Weld Co.)	04	1510	0.2	100	0	0	?	?		Tornado
					Touched down briefly at La Salle (5 miles south of Greeley)					
Denver	04	1445	0.1	20	0	0	0	0		Tornado
					Brief touchdown observed at Hyland Hills Golf Course (15 miles north of downtown Denver). Also observed by NWS observer at Stapleton Airport. No damage.					
Denver	04	1505	0.1	20	0	0	0	0		Tornado
					Observed just west of Westminster (10 miles north of downtown Denver). Also observed by NWS at Stapleton Airport.					
Denver	04	1505								Funnel Cloud
					Funnel reported near Northeast Brighton (20 miles north of downtown Denver)					
Erie and Dacono	04	1500								Funnel Cloud
					Sighted near Erie and Dacono (22 miles NNW of downtown Denver)					
Lafayette (Adams Co.)	04	1622	0.1	20	0	0	?	?		Tornado
					Touchdown briefly 1 1/2 miles east of Lafayette (15 miles NNW of downtown Denver).					
Longmont (Weld Co.)	04	1435	0.5	150	0	0	?	?		Tornado
					Observed by public about 8 minutes southeast of Longmont					
Fort Collins (Larimer Co.)	04	1530	0.5	300	0	0	?	?		Tornado
					Tornado on the ground one-half mile near airport and Collindale Golf Course for about 12 minutes. Diameter about 300 yards.					
Pueblo & Canon City	04	evening			0	0	?	?		Thunderstorms
					Lightening caused small fires at a Rockwool manufacturing plant and another building on South Main Street in Pueblo. Local flooding strangled 1 police patrol car; rock slides blocked two roads near Canon City and there was minor flooding of low lying areas on the Fountain River.					
Colorado City (Pueblo Co.)	04	1513			0	0	?	?		Hail
					Hail of 1/2 inch in diameter was 2 inches deep					

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COLORADO (continued)									
Windsor (Weld Co.)	06	afternoon			0	0	?	?	Hail
			Grape size hail fell in an isolated area east of Windsor (10 miles WNW of Greeley)						
Rocky Ford (Otero Co.)	06	afternoon			0	0	?	?	Thunderstorms
			Severe wind at Patterson Valley just west of Rocky Ford. Many basements were flooded in Rocky Ford.						
Colorado Springs	06	evening			0	0	?	?	Thunderstorms
			Urban flooding with many flooded basements. Academy Blvd. and Hancock Expressway blocked by mud. Sand Creek water above bridge level at Fountain Blvd. High water threatened the Golden Acres trailer court. Lightning caused several power outages. Lightning threw bricks 40 feet from chimney at 1248 Osgood Road. Utility pole caught fire when struck by lightning. No injuries.						
Fort Morgan (Morgan Co.)	08	evening			0	0	?	?	Lightning
			Lightning struck Bureau of Reclamation substation causing power outage. Transformers were struck by lightning in Briggsdale and Brush, near Fort Morgan, causing power outages.						
Craig (Moffat Co.)	12	evening			0	0	?	?	Heavy snow
	13	morning	9 inches of heavy, wet snow caused broken tree limbs and postponed events in city. Temperature dropped to 30 degrees Fahrenheit.						
Central and Northern Mountains	12	night			0	0	?	?	Heavy snow
	13		Snow fell in many areas of northwestern Colorado as temperatures dropped into 20s and 30s F. 12 inches of snowfall was reported at Trappers Lake, near Meeker (Rio Blanco Co.). Meeker had 8 inches; Steamboat Springs (Boutt Co.) had 7 inches; Vail (Eagle Co.) had 4 inches. Trail Ridge Road near Estes Park (Larimer Co.) was closed due to wet snow. Some record low temperatures followed the storm, with lows of 27 or less at Alamosa, 41 at Pueblo, 40 at Denver and 21 at Creede (Mineral Co.).						
Northeastern Foothills of Rocky Mountains	14	daytime			0	0	?	?	High Winds
			Bora wind behind cold front. Unusually strong for season. Wind gust estimated 100MPH and strongest in 20 years at boat dock, tore 24 boats from moorings and damaged 47 boats at Boulder Reservoir. Wind mast at radio station KBOL in Boulder city blew down. Only minor damage reported in Boulder city but power outages were caused by trees falling on power lines. Environmental Research Lab in Boulder reported gusts to 82MPH at 1410 MST. An automobile was smashed by a fallen tree in Boulder. A peak wind of 71MPH was reported at Fort Collins; 78MPH at Jefferson County Airport, 10 miles WNW of Denver; 66MPH at Littleton, 10 miles south of Denver; 47MPH at Stapleton Airport, 10 miles east of Denver. At Rocky Flats Nuclear plant, 10 miles SSE of Boulder, winds were measured up to 87MPH at 20 feet above ground and up to 99MPH at 200 feet above ground, and were about 60MPH at just above ground. In the foothills west of Denver, gusts estimated at 100MPH halted trailer traffic and blew down trees and caused power outages. Many household tomato plants were ruined by wind. A barn collapsed at 10370 W. 80th Street (Jefferson Co.) and several horses suffered minor injuries. Denver Fire Dept. said at least 30 trees uprooted or broken. Four major power outages were reported, extending from West Denver and Lakewood to the foothills. In Morgan County there were 75 brief power outages mostly due to trees falling on power lines; 1 pwr pole down.						
Brush (Morgan Co.)	22	late afternoon			0	0	?	C	Hail and Wind
			Light hail damage to 157 acres of sugar beets near Brush; also some damage to sugar beets just south of Fort Morgan, mostly due to wind.						
Denver	23	late afternoon			0	0	3	0	Heavy rain
			Rain and eroding water collapsed a retaining wall in Thornton, 10 miles north of Denver.						
Berthoud (Larimer Co.)	23	late afternoon			0	0	?	C	Hail
			Berthoud area, 18 miles south of Fort Collins, had local crop damage as pea-size hail stripped corn and beat down barley.						
Pikes Peak	23								Snow
			About 1 inch of snow fell at Seven Lakes, on south watershed of Pikes Peak, near Colorado Springs. Snow and sleet closed the road from Glen Cove to the summit of Pikes Peak for a while.						
Fort Morgan	25	1800	0.1	70	0	0	3	?	Tornado
			Storm ripped out a corner of warehouse of the Morgan Colorado Beef Co.; damaged several vehicles in nearby parking lot. No injuries. Damage to warehouse \$1000. An employee's pickup truck with camper was lifted and moved by storm about 125 feet into a wheat field. The truck had only a few scratches and the right outside rearview mirror torn off. Truck and driver interviewed on TV. Radar indicated no echoes.						
CONNECTICUT									
Newtown	28	9 PM			0	0	4	0	Lightning, wind
			An electrical power sub station took a direct hit causing severe damage. Strong winds lashed Northwestern Connecticut.						

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CONNECTICUT (continued)									
Greenwich Stanford	29	5:30 PM			0	0	6	0	Lightning, wind, heavy rain
									A severe thunderstorm packing wind gusts to 60 MPH locked Westchester County Airport destroying a large portion of a hangar. Two light aircraft were damaged and a third was completely destroyed. Many trees were blown down after nearly 2 inches of rain fell. The North Greenwich Congregational Church was struck by lightning.
New Haven	29	AM			0	0	3	0	Wind, lightning
									Wind toppled a few trees which fell onto some automobiles.
Colebrook	30	7:30 PM	1.0	100	0	0	4	0	Tornado FFP = 212
									A moderate sized tornado tore through a VFWA Camp on the outskirts of Colebrook. 100-200 trees were felled. 140 campers were terrified but not injured. Four camp buildings were destroyed.
DELAWARE									
New Castle and Kent Counties	1	5:00 p - 9:00 p			0	0	3	0	Lightning, hail, wind, rain
									A series of thunderstorms moved through the area, accompanied by marble-size hail. Lightning apparently caused house fires, near Newark, Smyrna and Felton. Power lines downed by trees falling on wires and lightning-struck transformers caused about three dozen power outages. Nearly two inches of rain fell in the Wilmington area.
Northern New Castle County	27	6:30 p - 7:45 p			0	0	3	0	Wind, rain
									A thunderstorm described as "short and fierce" caused tree damage with power outages reported in 60 different locations. Heavy rain caused minor flash flooding. Apparently, the wind and rain in this area was much greater than the wind of 31 mph and rainfall of 0.03 inch recorded at the Greater Wilmington Airport.
Eastern Sussex County	30	12:15 p - 1:30 p			0	0	3	3	Hail, rain
									Severe thunderstorm was accompanied by large-size hail and heavy rainfall as it crossed the area. Some car and crop damage was reported. In the Selbyville area egg-size hail was reported, causing some corn damage. Hail to golf-ball size was also reported in the Lewes area at the same time as the tornado.
Lewes, Sussex County	30	1:30 p	0.3	15	0	0	2	0	Tornado
									A small, apparently rope-like tornado, moving from SSW to NNE, downed several trees and damaged some others. Minor damage was done to two houses. Auxiliary power has to be supplied to a patient confined to a respirator as electricity was knocked out along Lewes Beach.
FLORIDA									
Niceville, Okaloosa County	1	3:34 PM EST			0	0	0	0	Funnel aloft.
									A funnel aloft was reported by the public moving northeastward at 25 mph.
Bellview, Escambia County	1	8 to 9 PM CST	1/10	20	0	0	4	0	Tornado
									Bellview residents indicated that a small funnel moved southwest to northeast touching down in four locations. The small tornado occurred in connection with a line of thunderstorms moving through the area ahead of a cold front. Damage included two mobile homes destroyed, two school buildings damaged, and miscellaneous damage to several residences. Total damage estimated \$50,000.
Campbellton, Jackson County	1	Evening			0	0	3	0	Lightning
									Ten cows, apparently struck by lightning, were found dead under a tree next to a wire fence.
Marion County	2	1:40 PM EST			0	0	0	0	Hail
									Golfball-sized hail was reported by the public in the southwest portion of Marion County during a severe thunderstorm moving northeastward at 17 mph.

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FLORIDA (continued)									
Altamonte Springs, Seminole County	2	3:00 PM EST			0	0	5	0	Wind and rain. Strong winds during a severe thunderstorm over the western section of Altamonte Springs caused property damage estimated at near \$200,000. Wind damage to the roof of a building housing four businesses resulted in considerable water damage inside during torrential rains. A huge pine tree at a private residence was uprooted and fell across the swimming pool onto the house, damaging the roof, wall and sliding glass door. Other miscellaneous damage to trees and signs was reported, and power was disrupted in several sections when tree limbs were blown onto power lines. Thunderstorm activity was widespread over central Florida during the afternoon. No injuries were reported.
Clearwater, Pinellas County	2	Late Afternoon			0	0	0	0	Waterspouts Three waterspouts were reported about one mile off Clearwater Beach
Pensacola, Escambia County	3	8:30 AM to 10:00 AM CST	1/10	20	0	0	3	0	Tornado, funnels aloft and rain. A series of funnel clouds, including at least one tornado, were reported moving northeastward over southern and eastern Pensacola and over Perdido Bay during thunderstorms. No injuries or serious property damages were reported. A tornado was observed touching down along the eastern shore of Perdido Bay. It was not known if the touchdown was on land or water. Heavy rain caused considerable street flooding, headlight-deep in places. Gusty winds ripped apart two metal buildings causing damage in excess of \$500.
Indian River County	3	Afternoon			0	0	0	0	Funnels aloft, Several funnels aloft were observed as a line of thunderstorms moved through the county. A brief fall of hail was reported in Sebastian. No damage was reported.
St. Lucie County	3	2:00 PM to 6:00 PM EST			0	0	4	0	Funnels aloft, wind and rain Several funnels aloft, strong winds, and heavy rains were reported as a line of severe thunderstorms moved through the area. No major wind damage was reported; however, some damage occurred to T.V. antennas, rooftops and power lines. Numerous power outages were reported mostly due to lines broken by tree limbs. Torrential rains soaked the county with 2.5 inches reported in Fort Pierce.
Pensacola, Escambia County	4	8:52 AM CST			0	0	0	0	Waterspout A waterspout was reported by a pilot 10 miles southwest of the Pensacola Naval Air Station. The waterspout was moving toward the east at 15 mph.
Wewahitchka, Gulf County	4	3:20 PM EST			0	0	0	0	Funnel aloft. A funnel aloft was reported 5 miles south-southeast of Wewahitchka moving toward the east-northeast at 15 mph.
Tampa, Hillsborough County	4	4:50 PM EST			0	0	0	0	Waterspout A waterspout was reported near MacDill Air Force Base.
Tampa, Hillsborough County	4	5:25 PM EST			0	2	2	0	Wind. Two occupants of a truck were injured when the vehicle was blown over during the height of a thunderstorm. The truck had been stopped because of the storm and was blown over on its side by the strong winds.
Tampa, Hillsborough County	4	7:00 PM EST	1/10	20	0	0	4	0	Tornado A small tornado touched down briefly in East Tampa destroying one building and blowing off the roof and porch of another. A camper was blown over onto the top of a car. Tree damage and minor damage to other houses was reported. The Sheriff's office reported that high winds, heavy rain and hail occurred in other sections of the county. There were no known injuries.
Daytona Beach, Volusia County	5				0	0	5	0	Heavy rain. Heavy rain, over four inches, continuing from the night before and through most of the day, resulted in widespread flooding in the Greater Daytona Beach area. Total Daytona Beach rainfall for June 4th and 5th exceeded five inches. Water three inches above floor level flooded the Museum of Arts and Sciences when a nearby canal overflowed, causing major damage to displays, equipment and furnishings. A large portion of the damage was to the Museum's Planetarium where nearly all of the electronic control equipment was below the floor. Widespread street flooding was reported, with water rising into a few houses.
Ormond Beach, Volusia County	5	11:20 AM EST			0	0	0	0	Waterspout A waterspout, moving toward the southwest at 5 mph, was reported by the public 8 miles east of Ormond Beach.

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FLORIDA (continued)									
Key West, Monroe County	7	6:14 PM EST			0	0	0	0	Waterspout A waterspout reported 5 miles southwest of Key West lasted nearly 20 minutes before dissipating.
Miramar, Broward County	7	Evening			0	1	0	0	Lightning A 29-year-old man was struck by lightning as he stood in the doorway of his home. The injuries were not serious, but he reportedly had no feelings in his legs for several hours.
Tamarac, Broward County	8	Afternoon			0	1	0	0	Lightning A 59-year-old man was seriously injured when struck by lightning on a golf course. His companion was not injured.
Maitland, Orange County	8	5:15 PM EST			0	0	0	0	Funnel aloft and rain. A funnel aloft was reported by Maitland police near Interstate 4. Heavy rains during thunderstorms caused street flooding in various sections of Orange County, and numerous power outages were reported.
Haines City, Polk County	8	7:30 PM to 8:30 PM EST	1/10	30	0	0	5	0	Tornado, rain and hail A tornado touched down during a severe thunderstorm uprooting large trees, shattering plate glass windows, blowing down signs, damaging roofs, and interrupting electric power for several hours throughout much of the city. Wind gusts estimated in excess of 75 mph were reported along with hail the size of ice cubes. Many residents said they heard or saw one and possibly two tornadoes during the storm. One mobile home was blown over and another lifted from its foundation. Mobile homes on either side of the one blown over remained standing. Heavy rain caused street flooding, with water hood-deep at the underpass. Most of the damage was concentrated in the west-central section of town with other damage to mobile homes, trees and power lines elsewhere. Overall, structural damage to homes and businesses was light, with damage to plants and trees widespread. No injuries were reported. Damage was estimated at \$150,000.
Sebring, Highlands County	?	?			0	0	4	0	Lightning Lightning struck a luxurious mobile home near the KOA campground causing a fire which completely destroyed the home. The owners were out of town at the time. (Exact date and time unknown. The event occurred during the week of June 6-12, probably during afternoon or early evening hours. Considerable thunderstorm activity was reported in the area on June 9th.)
Palm Beach, Palm Beach County	10	3:20 PM EST			0	0	0	0	Waterspouts Two waterspouts were reported by the Coast Guard 5 miles east of Palm Beach Inlet.
Key West, Monroe County	11	9:50 AM EST			0	0	0	0	Waterspouts Two waterspouts were sighted about 10 miles southeast of Key West moving northeastward at 15 mph.
Homestead Air Force Base, Dade County	13	11:28 AM EST			0	0	0	0	Waterspout A waterspout was reported 12 miles east of Homestead AFB moving northeastward.
Perry, Taylor County	18	NOON EST			1	0	0	0	Lightning An 18-year-old boy was struck and killed by lightning while seeking shelter from a heavy rain shower under a large pine tree during a thunderstorm. The lightning bolt split the tree and then struck the boy. He was pronounced dead at the scene.
Panama City, Bay County	19	2:00 PM EST			0	0	0	0	Waterspout A waterspout was reported 7 miles southeast of Tyndall Air Force Base.
Brevard County	20	Afternoon			0	0	4	0	Wind and rain A line of thunderstorms moving through the county caused some wind damage and street flooding. Part of the roof of a Titusville motel was blown off, and two airplanes were damaged at Merritt Island Airport. Sustained winds between 55 and 60 mph were reported at the airport for more than 30 minutes. No injuries were reported in the county.
Eau Gallie, Brevard County	20	6:00 PM EST			0	0	4	0	Lightning During a series of thunderstorms, lightning struck a mobile home causing a fire which rapidly destroyed the home and its contents. The occupants escaped without injury.
Winter Haven, Polk County	21	6:00 PM EST			0	0	0	0	Hail Golfball-sized hail was reported during a thunderstorm near Winter Haven. No damage was reported.
Mayport, Duval County	22	2:30 PM EST			0	0	2	0	Waterspouts Five waterspouts were observed in the Mayport/Fort George area as thunderstorms and heavy rains drenched the area. No injuries were reported. One mobile home sustained minor damage when a door was blown off.

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FLORIDA (continued)									
Jacksonville, Duval County	22	2:50 PM EST	1/10	30	0	0	3	0	Tornado
									A tornado touched down briefly on Hecksher Drive, some 8 to 10 miles northeast of downtown Jacksonville, unroofing a house. There were no injuries.
Bell, Gilchrist County	22	Unknown			0	1	0	0	Lightning
									A woman was injured when struck by a bolt of lightning while on a ladder painting her house.
St. Augustine, St. Johns County	23	8:00 AM to 8:30 AM EST			0	1	3	0	Strong winds
									Wind gusts estimated 60 to 70 mph during a thunderstorm broke a number of windows and downed trees, limbs, and utility lines. A woman employee was injured when she was blown through a large glass door at a laundry.
Cocoa Beach, Brevard County	23	10:00 AM EST			1	1	0	0	Lightning
									Lightning struck two 16-year-old girls vacationing from Pennsylvania while walking along the beach during a thunderstorm. One girl was killed instantly by a lightning strike to the head and the other seriously injured.
Ft. Lauderdale, Broward County	23	7:00 PM to 8:30 PM			0	0	4	0	Wind, rain, lightning
									A severe thunderstorm accompanied by strong gusty winds, rain and lightning, caused fires, street flooding, power failures and traffic tie-ups, wind gusts to 59 mph were reported at Ft. Lauderdale Executive Airport around 7:30 PM EST. Authorities reported that seven houses were struck by lightning causing four small electrical fires. Numerous automobiles were stranded and quite a few accidents were reported in streets flooded up to three feet deep, as 2 to 3 inches of rain fell during approximately a 1 1/2 hour period. Water rose high enough to enter at least one store damaging merchandise. Power failures were reported instantly in northern sections of the city. No serious injuries were reported.
West-Central Florida	27	Afternoon and Evening			0	0	4	0	Tornadoes, funnels aloft, waterspouts rain.
									Widespread thunderstorm activity resulted in numerous reports of tornadoes, funnel clouds, waterspouts and heavy rain over a 4-county area: Hillsborough, Pinellas, Pasco and Sarasota Counties. No major damage was reported; however, some damage to homes occurred due to gusty winds and heavy rains. (Note: No specific times or locations were given for many of these reports, and many of the reports were unconfirmed. Also, it was suspected that some of the reports were duplicates. Reports for which specific information was available are listed separately below.) Hillsborough County: More than a dozen funnel clouds were reported between 7 PM and 8 PM EST. A few telephone and power interruptions were reported due to fallen wires, and some street flooding was reported. Water had to be pumped out of eight homes in the Seffner area, but damage was not extensive. Pinellas County: 13 waterspouts were reported off the coasts of Clearwater and St. Petersburg. Specific locations unavailable. No damage. Pasco County: A tornado and three funnels aloft were reported. No damage. Sarasota County: A tornado and three funnels aloft were reported. Damage to several homes in the Bradenton/Sarasota area was attributed to gusty winds and heavy rain.
Tampa, Hillsborough County	27	6:35 PM EST			0	0	0	0	Waterspout
									A waterspout was observed over Tampa Bay four miles southwest of MacDill Air Force Base.
Bradenton/Sarasota, Sarasota County	27	6:30 PM to 7:00 PM EST			0	0	0	0	Funnels aloft.
									Three funnels aloft were reported in the Bradenton/Sarasota area.
Sarasota, Sarasota County	27	6:50 PM EST	1/10	20	0	0	3	0	Tornado
									A tornado was reported causing minor damage to several homes. No injuries.
Zephyrhills, Pasco County	27	6:50 PM EST	1/10	20	0	0	0	0	Tornado
									A tornado touched down in a cowfield in the vicinity of I-75 and Williams Acres. No damage.
Zephyrhills, Pasco County	27	6:50 PM EST			0	0	0	0	Funnels aloft.
									Three funnels aloft were reported near I-75 and Williams Acres.
St. Augustine, St. Johns County	28	1:00 PM to 2:00 PM EST			1	3	0	0	Lightning
									A 34-year-old woman was killed and three other persons knocked unconscious when lightning struck a cedar tree under which the people were standing. The tragedy occurred at the Castilla de San Marco during a brief, heavy thunderstorm.

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
FLORIDA (continued)									
Jacksonville, Duval County	28	2:00 PM to 3:00 PM EST			0	0	4	0	Lightning
		A fire started by lightning caused an estimated \$45,600 damage to four stores in the Lakewood Shopping Center. There were no injuries.							
Niceville, Okaloosa County	28	2:30 PM CST			0	0	0	0	High winds
		Winds of 70 mph were reported near Niceville during a severe thunderstorm. No known damage.							
Hillsborough County	28	2:34 PM EST	1/10	20	0	0	0	0	Tornado
		A pilot reported a tornado touching ground 23 miles north-northeast of Tampa near the Pasco County line. No damage or injuries were reported.							
Immokalee, Collier County	28	5:30 PM EST	1/10	30	0	0	3	0	Tornado
		A tornado dipped down briefly in the Corkscrew community off Naples Immokalee Road causing minor damage to homes and snapping off tree tops along a 1 1/2 mile path. Observers reported that the tornado was on the ground for about 5 minutes and that the roaring noise and snapping of trees could be heard three-quarters of a mile away.							
Lehigh Acres, Lee County	28	6:00 PM EST			0	0	0	0	Funnel aloft
		A funnel cloud reported over Lehigh Acres dissipated after 10 minutes.							
Venice, Sarasota County	29	10:07 AM EST			0	0	0	0	Waterspout
		A waterspout was reported offshore from Venice by the public.							
Dade City, Pasco County	29	12:30 PM EST			0	0	0	0	Funnel aloft
		A funnel aloft was observed over Dade City.							
Vero Beach, Indian River County	29	1:00 PM EST			0	0	0	0	Funnel aloft.
		A funnel aloft was reported 15 miles north of Vero Beach.							
Pensacola, Escambia County	29	3:03 PM CST			0	0	0	0	Hail
		One inch hail was reported by the public over north Pensacola. No known damage.							
Winter Park, Orange County	30	2:30 PM EST			1	1	0	0	Lightning
		A 16-year-old boy was killed and his 17-year-old companion injured when the youths were struck by lightning while seeking shelter under a tree during a thunderstorm. The boys had been fishing in Lake Sue and came ashore when it began to rain. (This tragedy increased the totals to 3 deaths and 5 injuries by lightning in central Florida in 8 days.)							
GEORGIA									
Towns	1	3:20 p			0	0	4	3	Wind
		High winds east of Hiwassee damaged a business and whipped fruit trees in the area.							
Savannah	2	3:15 p			0	0	4	0	Lightning
		Lightning sparked a fire which nearly gutted a house and caused scattered power outages in city.							
Albany	10	5:15 p			0	4	5	0	Thunderstorm
		Four persons injured, two houses caught fire, 10 airplanes damage, and the towers of two radio stations struck by lightning.							
Toombs County	11	5:00 p			0	0	3	3	Wind
		High winds hit Vidalia uprooting large pecan trees and twisting off sizable pine trees. Light to moderate residential and business roof damage.							
Murray County	21	1:30 p			0	0	0	3	Hail
		Thirty minute hail storm in SE part of county damaged mainly vegetable gardens with minimal crop damage.							
Columbus	28	2:00 p			0	0	4	0	Lightning
		Lightning started fires in the attic of a church and a storage shed. Winds were estimated at 55 mph in the NE Columbus area.							
Barnesville, Lamar County	28	2:45 p			0	0	4	0	Wind
		High winds resulted in roof, awning and tree damage in town, most notably to the building occupied by the News-Gazette.							

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					KILLED	INJURED	PROPERTY	CROPS	
GEORGIA (continued)									
Chattooga County	28	6:00 p			0	0	4	0	Lightning
			Lightning is believed to have started fires in 2 houses and high winds damaged signs of at least two Summerville merchants.						
Oglethorpe County	28	7:30 p			0	0	5	0	Wind
			The county sheriff reported five mobile homes totally demolished by the winds. Storm occurred a little north of Lexington with no injuries.						
Hart County	29	3:20 p			3	1	0	0	Lightning
			Three people killed and one injured when a bolt of lightning struck a boat ramp at a picnic area one mile from Tugaloo State Park on Lake Hartwell. According to the sheriff's department, the occupants of the boat pulled onto the bank to avoid the storm. Three people got out of the boat and were standing under a tree, while the fourth remained in the boat. The three under the tree were killed.						
HAWAII									
Off Diamond Head, Oahu	1	6:50p.							Funnel cloud
2 miles off Portlock, Oahu	2	7:14p.							Funnel cloud
10 miles west of Kaena Pt., Oahu	3	2:46p.							Waterspout
Makaha, Oahu	3	4p.							Funnel clouds
			2 funnel clouds sighted by several persons off Makaha moving over land before dissipating. One funnel extended down more than half way from cumulus cloud base of about 2500 ft. Funnel was sloped and rope-like.						
5 miles off Diamond Head, Oahu	27	6:30p.							2 Funnel clouds
IDAHO									
Lewiston Area, Nez Perce County; Genesee, Latah County	7	8:15 p			0	0	4	0	Rain, wind and lightning
			A brief, torrential rain storm caused damage to streets, roads, and homes in Lewiston. Rain damaged roads and fields south of Genesee and lightning damaged utilities in the area. Many basements were flooded. Footpaths and cart paths at Lewiston's new municipal golf course were washed out. Some minor wind damage was reported.						
Nampa, Canyon County	8	3:30 p			0	2	2	0	Lightning
			A lightning bolt surged through a mobile CB radio set knocking a man unconscious when he walked by the set in the bedroom. It inflicted minor burns on his wife. The man also received minor burns and was hospitalized overnight for observation.						
Meridian, Ada County	8	4:00 p			0	0	4	0	Wind and Rain
			Strong wind gusts ripped the roof off the high school gym and damaged the shop building roof. Rain ruined all of the gym ceiling tile. All of the roof ventilating units had to be replaced, and some sound equipment in the gym was damaged. Minor damage to two homes from falling trees was reported, and a trailer house had extensive roof damage.						
Lincoln, Bingham, and Franklin Counties	14	Early Morning			0	0	0	5	Frost
			A late season frost killed several hundred acres of beans that had to be replanted in the western portions of Franklin and Lincoln Counties. Heaviest damage was in the Dayton area, Franklin County. Corn crops were damaged but not severely. Light damage occurred to small grains throughout the area, and gardens received variable amounts of damage. Potato crops in Bingham County were damaged enough to cut yields.						
Kootenai County	16	Afternoon			0	0	3	0	Lightning and Rain
			A lightning and rain storm burned out numerous transformers over the County and flooded basements in Coeur d'Alene causing some damage						
Clayton, Custer County	19	Early Afternoon			0	0	3	0	Wind
			High winds accompanying thunderstorms in the mountains came roaring down the canyon above Clayton and picked up a mobile home and tipped the structure on its side causing extensive damage. The wind also shifted another mobile home off its foundation, buried a pickup camper shell through the air clipping off a utility pole and broke several windows with flying gravel and debris.						

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					KILLED	INJURED	PROPERTY	CROPS	
IDAHO (continued)									
Idaho Falls, Bonneville County	25	4:15 p			0	0	5	0	Wind
									High winds, up to 58 miles per hour, blew over and crumpled a large empty grain elevator at the General Mills plant on Lindsay Blvd. The structure also tore out four spans of telephone cable.
Southern Idaho	26	Early Morning			0	0	0	6	Frost
									Record-breaking low temperatures caused extensive, widespread frost damage to field crops and gardens. Generally low-lying valley fields were hardest hit. In some places only parts of fields were frosted, and in others newly irrigated fields with high moisture content were undamaged while adjoining, dryer fields had heavy frost damage. Beans were the most severely damaged crop with estimated losses as high as \$250,000 in Canyon County alone. Estimates of bean losses range widely from 5 to 25 percent of the acreage, depending upon locality. Corn, potatoes, and other crops also were frost bitten, but for the most part, recovered a though some fields were replanted and others are expected to have a reduction in yield. One example of losses included 105 acres of beans near Weiser, Washington County, that were a total loss. Four to five fields of beans, encompassing 300 to 400 acres, were completely destroyed, and another 1500 to 2000 acres were substantially damaged in Elmore County mostly south of Mountain Home with losses estimated at over \$100,000. Damage varied widely across the Magic Valley in south central Idaho with extensive damage near Jerome, Jerome County, and Wendell, Gooding County. Barley, potatoes, and corn were badly damaged in the Shoshone and Dietrich areas of Lincoln County. Between 35 and 100 percent of winter wheat fields were destroyed according to estimates of the Lincoln County Agricultural Stabilization and Conservation Service. Camas County hay and wheat crop yields were estimated cut more than one-third by frost. Damage to beans, grain, and potatoes was spotty in Franklin County where crops were damaged but expected to survive with yields cut up to one-half. In Power County damaged potatoes were around 50 percent defoliated. The degree of frost damage varied throughout the Upper Snake River Valley. The general manager of Potato Growers of Idaho estimated a 10-day setback in growth for about 40 percent of Idaho's potato crop with an 8 to 10 sack per acre drop in yield.
ILLINOIS									
Durand, Mt. Morris and Sterling	12	11:10p			0	0	4	0	Wind
									A line of thunderstorms extending from near Rockford to Sterling pushed winds to 60 mph about 11:10 p. At Durand the strong winds pushed over a concrete block wall at the sewage treatment plant.
Lemont to Brookridge subdivision (near Downers Grove)	13	4:18 - 5:20 pm	7-1/2	1760	2	23	6	0	Tornado
									A large, slow-moving tornado left an eight block area in Lemont totally devastated as it travelled an odd, nearly U-shaped path from Lemont to the Brookridge subdivision south of Downers Grove.
									First evidence of the tornado appeared at 4:18 pm near the railroad tracks just north of Lemont's downtown section. Several trees were uprooted and some roof damage occurred. The tornado was travelling toward the southeast during this early portion of its life. The tornado's path became easterly at the eastern edge of Lemont, its intensity increased as wind speeds estimated between 207-260 mph ravaged homes and property along McCarthy Road in the Hillcrest subdivision. Most of this area was left looking like a war-torn battlefield; homes were in total ruin; trees were uprooted and stripped of all branches; cars and trailers were tossed about like toys. Persons seeing the tornado at this point described it as a large black whirling mass full of debris; several described a sound much like that of a locomotive. After passing through the Hillcrest subdivision, the tornado began a northerly course that took it across the Cog Hill Golf Course to the Des Plaines River. Several electric transmission towers along the river were knocked down at precisely 4:48. Many old oak trees in a forest preserve north of the river were uprooted or damaged. Its course now becoming northwesterly, the tornado passed over Argonne National Laboratory, neeling a section of roof from a biology building housing a nuclear reactor. The tornado continued across I-55 damaging several homes in the Brookridge subdivision at 5:30 pm.
									The effects of the tornado were disastrous. Two people were killed. Twenty-three were injured (nine requiring hospitalization). About one hundred seventy homes were damaged including eighty-seven that were totally destroyed. Total damage was estimated around 13 million.

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					KILLED	INJURED	PROPERTY	CROPS			
ILLINOIS (continued)											
Extreme southern DuPage, Will and southern Cook counties	13	late afternoon-early evening			0	2	0	0		Heavy rain, hail, wind	
										Afternoon thunderstorms brought large hail, heavy rain, and strong winds to portions of the three-county area. Three-quarter inch hail was reported at Romeoville at 3:30 pm. About the same time that a tornado was churning through Lemont (see above) golf ball size hail fell in a large portion of extreme southern DuPage county. Strong winds and lightning did scattered damage over a large area in southern DuPage and Cook counties. Two people were injured as strong winds at Orland Park sent a gas station sign smashing through an auto window.	
										Torrential rains accompanied the thunderstorms and caused the major portion of the storm damage. Particularly hard hit were Oak Lawn and Burbank where more than seven and a third inches of rain (more than five inches fell from about 5:25 to 6:25 p) fell flooding areas up to five feet deep. One and a half to two inch diameter hail accompanied the heavy rain in both towns. Many homes were completely surrounded by water; several had to be evacuated by boat. A large section of the Dan Ryan Expressway in Chicago was closed as water reached the roof level of numerous cars.	
Wheeling	13	6:30p								Hail	
										Golf-ball size hail fell at Chicagoland Airport as a thunderstorm dumped about one inch of rain.	
Rock Island, Henry and Knox counties	13	8:30-9:30p			0	1	5	0		Thunderstorms, wind, hail	
										A line of severe thunderstorms moved across the tri-county area during the evening. A park ranger at Black Hawk State Park near Moline was injured about 8:30 pm when strobe winds sent tree branches whipping at him. Wind gusts were recorded to seventy-nine miles an hour at Quad City Airport at 8:52 pm; a storage shed was demolished, a pick-up truck and Ozark plane were damaged. Minor damage, mostly to trees and power lines, was noted in Henry and Knox counties as the storms moved east. At 9:25 pm one inch hail fell twelve miles east of Moline. A mobile home in Galesburg was overturned and destroyed by the gusty winds about 9:30 pm. Strong winds at Hoopole at 9:30 pm ripped off some grain elevator components sending them crashing against others; a 10,000 bushel storage bin was ripped from its concrete bed and thrown into an adjoining field after breaking retaining cables.	
Champaign and Vermillion counties	15	late afternoon			0	0	4	0		Thunderstorms, wind	
										Thunderstorm-driven winds caused some damage during the late afternoon and evening hours. Most damage was minor consisting of broken tree limbs, snapped power lines and a few broken windows. Such damage occurred in Danville and Bismarck around 5 pm. Winds were reported gusting to 60 mph at that time at the Vermillion County Airport north of Danville. Two farm residences between Mayview and St. Joseph suffered the most damage; a barn was destroyed, a mobile home lifted from its foundation, and a machine shed roof was lifted at 5:15 pm.	
Bloomington	23	3:03 pm			0	0	2	0		Hail, wind	
										A severe thunderstorm dropped one inch hail at Bloomington; some minor wind damage also occurred.	
Kane, DuPage, Cook and Will counties	27	8-10pm			0	10	4	0		Wind, lightning	
										Thunderstorms with strong gusty winds marched across the three county area during the evening hours. Several trees were reported damaged and power lines down at Maple Park and Elburn at 8:13 pm. As the thunderstorm moved east scattered minor damage was noted. In Carol Stream, the winds toppled the walls of a partially completed building. Winds of 60 to 70 mph were reported at Barrington. High winds blew down a huge carnival tent in Des Plaines, injuring eight people at a fund raising picnic. A child was seriously injured in Crete when she was hit by a falling tree limb. Also in Crete, a man was hospitalized in good condition after lightning hit him while he was camping.	
Normal	27	7:06pm								Hail	
										Three-quarter inch hail fell at Normal during the evening's thunderstorms.	
Clark and Edgar counties	28	4:45am								Hail	
										Golf ball size hail fell in the extreme eastern sections of the two counties early in the morning.	
ILLINOIS (continued)											
IN Kickapoo to 2SE Dunlap	29	1:45pm	5	40	0	0	5	4		Tornado	
										Three homes were demolished and a number of others damaged by a tornado which touched down about one mile north of Kickapoo and travelled northeast to near the intersection of IL 25 and the Chicago and Northwestern Railroad track (2SE Dunlap) leaving a trail of destruction.	
										Several eyewitnesses who observed the tornado during most of its life described it as being bright white; the sky to the southeast was an ominous black color while the sun was shining off to the west. The appearance of the tornado changed during its passage - from a thin tube in its formative stage to a tube and the classic funnel shape during its mature stages. At its end the tornado's condensation funnel simply vanished with the dust cloud at the bottom of the funnel settling. No rain occurred before, during or after the tornado.	
										The most severe damage occurred to several farms near IL 91 three and a half miles south of Dunlap. One entire complex of farm buildings was completely leveled leaving only piles of debris; the farm house's occupants survived without injury by seeking shelter in the basement. Two other homes were also destroyed, their debris being scattered in adjoining fields. Several large trees were uprooted with root balls nearly ten feet in diameter.	
25 El Paso	29	3:00p	1/2	50	0	0	0	3		Tornado	
										A tornado cut a swath through corn and soybean fields two miles south of El Paso. The crops were torn up and flattened in the field.	
3-1/2 E Lexington	29	3:36p	7	7	0	0	4	0		Tornado	
										A tornado destroyed a barn and two outbuildings on a farm near Lexington. A civil defense spotter saw the tornado form very near the farm buildings and moved toward him. He described the "white tail" hitting the barn; the barn exploded like "someone had a case of dynamite in it."	
East-Central	29	After.			0	0	3	5		Hail, funnel	
										Hail up to 4 inches in diameter shredded corn crops and severely damaged other crops in the east-central portion of the state as thunderstorms moved through the area in the afternoon.	
										One of the hardest hit areas was from north of Champaign southwestward to Monticello and west to Sidney. Officials estimate 10 square miles suffered heavy damage to crops and personal property as the hail fell for 20 minutes. At 12:30pm one inch hail fell near Champaign and at 1:07pm a funnel was sighted by state police near Sidney moving northeast. As the thunderstorms moved east, golf ball hail along with numerous funnel cloud sightings occurred throughout Champaign County. At 4:00pm one and three quarter inch hail again fell in the Champaign area.	
										Another area which suffered severe damage was from Atlanta south to Weldon and east to Daland. Golf ball hail destroyed bean fields along Highway 10 as the hail fell for thirty minutes covering the ground. A few windows were broken in this area as the hail fell after 4:00pm.	
										Crop damage was also reported throughout this portion of Illinois. Gridley reported four inch diameter hail. Although some crops were totally destroyed, accurate dollar damage cannot be given due to re-planting.	
DeKalb, Kendall, LaSalle, Grundy and Will Counties	29	After.			0	0	3	0		Funnels, wind, hail	
										As thunderstorms rolled over northern Illinois, winds as high as 60 mph blew down tree limbs causing minor damage. At 3:55pm high winds lifted a car briefly near Chicago Road and Route 23. Three-quarter inch hail fell on Romeoville at 4:05pm as winds gusting to 58mph. Pea size hail and wind gusting to 60mph occurred near Frankfort at 4:55pm. Several funnels were sighted in the area.	
East and South Central	29	After.-even.			0	0	4	3		Hail, wind	
										A line of severe thunderstorms moved across the southern portion of the state during late afternoon and evening causing damage to crops and buildings. Large hail damaged crops in northern Edgar County while strong winds damaged homes, power lines, and tree limbs in the Paris area. A barn roof was torn off and a home under construction was damaged. Severe hail damage shredded crops in extreme eastern Cumberland County and west Clark County extending to Martinsville. Strong winds blew several large tree limbs down damaging homes in Vandalia, Fayette County.	
INDIANA											
Columbia City Whitley County	13	9:30 A			0	0	0	0		Wind	
										Strong winds collapsed a section of a barn housing young market hogs; one hog was killed. Winds also damaged another barn and did minor damage to a house. Numerous trees and power lines down. Automobiles damaged by felled trees.	

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INDIANA (continued)											
St. Joseph County	15	5 - 6 P			0	0	0	0		Wind, rain, hail	
					Heavy winds blew over a hog coop. Extensive damage done to crops, particularly to soybeans by marble size hail. About 1 3/4" rain fell in less than an hour, causing washouts and localized flooding. Also some wind damage to crops.						
Southern Elkhart Northern Kosciusko Counties	15	5:55 P			0	0	0	0		Wind	
					A tornado was reported near Nappanee, but on-site investigation indicated straightline winds. High wind damage to trees and power lines. Property damage to one mobile home, and one modular home. One barn flattened. Damage reported from Nappanee to about 3 miles eastward.						
Lafayette Tippecanoe County	15	6:30 P			0	0	0	0		Wind	
					Strong winds caused damage to a few houses, mainly roof damage. Several trees uprooted.						
Kokomo Howard County	15	7:30 P			0	1	0	0		Lightning	
					Lightning struck a man when he was walking next to wire fence.						
Kokomo Howard County	15	7:40 P	3	80	0	1	0	0		Tornado, Rain	
					Funnel cloud skipped along on a northeast path, causing minor damage to a school and then lifted the roof on a church. Tornado then began to move east, peeling a section of roof off a drugstore. Heavy rains accompanying storm damaged goods inside store. A mobile home court adjacent to the drugstore had about 10 trailers damaged. One child was injured by glass. The tornado did minor damage to several homes and clipped tops off a few trees. Reports of cattle being transported several hundred yards and killed. One witness observed the funnel cloud as to have protruding fingers.						
20 SW Grissom Air Force Base Howard County	18	4:35 P			0	0	?	?		Hail	
					1" hail reported. Damage unknown.						
Boxley Hamilton County	22	10:10 P			0	0	0	0		Wind, rain, lightning	
					A severe thunderstorm destroyed a tool shed, blew the door off barn. Several trees were uprooted, falling on houses and doing property damage. Heavy rains reported around 3" caused some localized flooding. Lightning struck and destroyed a tree.						
Cicero Hamilton County	23	11:00 A			0	2	0	0		Lightning	
					The lightning bolt hit overhead wires and jumped across to construction equipment. One workman received a direct shock. Another worker felt electrical aftermath.						
Aurora Dearborn County	24	7:20 P	?	?	0	0	0	0		Tornado	
					Tornado was observed over open field. No damage was reported.						
Spencer Owen County	24	10:10 P	3	100	0	0	0	0		Tornado	
					The tornado struck in a rural area just northeast of Spencer. The movement of the storm was towards the northeast. Several houses suffered roof and window damage. One house showed signs of being shifted in its foundation. Numerous outbuildings were destroyed. Crops in the path of the storm were badly damaged, especially wheat and corn. Several horses were injured by flying debris. An automobile, farm equipment and a pickup truck were damaged by felled trees and other debris. Nearly one inch of rain fell in only a few minutes.						
Camel Hamilton County	28	6:34 A			0	0	3	0		Lightning	
					Lightning caused a house fire, with damage to the roof and attic.						
INDIANA (continued)											
Fowler Benton County	29	3:36 P			0	0	?	?		Hail	
					1" hail reported, damage unknown.						
Crawfordsville Montgomery County	29	3:55 P			1	3	0	0		Wind	
					Severe thunderstorm uprooted trees and downed power lines. One man electrocuted by downed power lines. Roof damage to a few homes. Three persons were injured slightly when mobile home was moved about 20 feet into a tree.						
Lebanon Boone County	29	4:15 P			0	1	0	0		Funnel cloud, wind	
					A funnel cloud was observed, but did not touch down. High winds knocked down several billboard signs along I-65. Corn crop suffered wind damage. Strong winds blew the chimney off a house and a falling brick struck a small child. Winds damaged the roof of a radio station's transmitter building just south of Lebanon.						
Richland Spencer County	29	4:30 P			0	0	?	?		Hail	
					Golf ball sized hail accumulated to a depth of 4" on ground.						
Brownsburg Hendricks County	29	4:35 P								Funnel cloud	
Zionsville Boone County	29	4:40 P								Funnel cloud	
Tell City Perry County	29	4:40 P								Funnel cloud	
Brownsburg Hendricks County	29	4:50 P			0	0	?	?		Hail	
					3/4" hail reported. Damage unknown.						
Marion County	29	4:50 P - 5:20 P			0	1	0	0		Funnel cloud wind, rain	
					Numerous funnel clouds were observed over northern Marion County. High winds uprooted several trees and caused minor property damage. One person was injured when a tree fell on his car. Accumulated heavy rains caused a thirty-foot rupture in the aluminum roof of a department store warehouse. No injuries resulted. There was some damage to the contents. Heavy rains also caused some localized flooding of streets and viaducts.						
Camel Hamilton County	29	5:00 P			0	0	4	0		Wind, lightning	
					High winds blew roof off garage. Large section of apartment houses under construction was collapsed. Several lightning strikes were reported. At least two houses reported damage caused by lightning.						
Indianapolis Marion County	29	5:00 P	1	50	0	0	0	0		Tornado	
					Funnel cloud observed by Security Guard shortly before it touched down briefly at West Lake Arms apartment complex on Indianapolis' west side. Sections of roof lifted off two buildings. One large tree fell into another building, crashing through the wall. No injuries reported. Funnel cloud retreated into cloud and moved ENE.						
LaPorte County	29	5:00 P								Funnel cloud	
Westphalia Daviess County	29	5:15 P			0	0	?	?		Hail	
					Golf ball size hail. Damage unknown.						
Indianapolis	29	5:40 P			0	1	0	0		Lightning	
					Boy shocked by lightning while talking on telephone.						
Merriville Lake County	29	6:10 P								Funnel cloud	
Connorsville Fayette County	29	6:15 P								Funnel cloud	
Richmond Wayne County	29	6:33 P								Funnel cloud	

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					KILLED	INJURED	PROPERTY	CROPS	
INDIANA (continued)									
Highland Lake County	29	6:42 P			0	0	?	?	Hail
			Golf ball size hail. Damage unknown.						
LaPorte, St. Joseph Elkhart Counties	29	5:30 - 7:00 P			0	0	95	0	Rain, wind, lightning, hail
			Throughout the area trees, limbs and power lines down. Minor damage to homes caused by fallen trees and limbs. Extensive damage was reported in Goschen as several travel trailers were rolled around by high winds. Lightning struck one home causing damage to the basement area. A school was also struck by lightning. Heavy rains caused temporary flooding of streets. Numerous basements were flooded. Hail pelted farm crops causing some damage in Elkhart County.						
Griffith Lake County	29	6:43 P	1	60	0	0	3	0	Tornado, hail
			Tornado touched down and did minor damage. Movement of storm unknown. Golf ball sized hail and heavy rain accompanied tornado.						
Southern Lafayette, Tippecanoe Counties	29	7:03 P							Funnel cloud
Terre Haute Vigo County	29	7:23 P							Funnel cloud
5 West Crawfordville Montgomery County	29	7:30 P							Funnel cloud
SW Montgomery County	29	7:34 P			0	0	0	0	Hail
			Hail reported as large. Believe size was 1/2" to 3/4" diameter.						
Greensburg Decatur County	29	7:35 P							Funnel cloud
Versailles Ripley County	29	7:36 P							Funnel cloud
Aurora Dearborn County	29	7:45 P							Funnel cloud
NE Greencastle Putnam County	29	7:40 P							Funnel cloud
10 SW Terre Haute Vigo County	29	8:10 P							Funnel cloud
Brookville Franklin County	29	8:12 P							Funnel cloud
Brown & Bartholomew Counties	29	8:46 P							Funnel cloud
9 West Seymour Jackson County	29	10:15 P							Funnel cloud
Boone County	29	4-5 P			0	0	3	5	Wind, hail
			Golf-ball size hail driven by strong winds did extensive damage to corn and soybean crops in the southwest portion of the county. Minor damage was done to a house by the hailstones.						
IOWA SEE END OF TABLE									
KANSAS									
Brown County	5	4 p			1	0	0	0	Lightning
			Lightning struck and killed a man moving a tractor 2-1/2 miles south of Robinson.						
Ellis and Russell Counties	10	8-9:15 p			0	0	3	5	Hail
			Thunderstorms moving eastward through eastern Ellis and Russell Counties were accompanied by considerable hail to 1-3/4 inches diameter causing minor damage to farm buildings but considerable damage to wheat.						
Kingman County	10	7:52 p			0	0	0	0	Funnel
			A funnel cloud developed and dissipated just north of Kingman. No significant wind was reported in the area.						
KANSAS (continued)									
Harvey County	10	8:16 p			0	0	0	0	Funnel
			A funnel developed and dissipated near Newton. No significant wind or damage was reported.						
Sedgwick County	13	8:05 p			0	0	0	0	Hail
			A few hailstones to 1-3/4 inches diameter accompanied a thunderstorm near Goddard in the Lake Area area. No damage was reported.						
Butler, Cowley, Harvey, Sedgwick, and Sumner Counties	14	5:15-7:35 p			0	0	4	0	Funnels, Wind, Hail
			A line of thunderstorms moving slowly eastward through the counties. 10 funnel clouds were sighted in east Wichita, east Sedgwick County, southern Harvey County, west Butler County, and northern portions Sumner and Cowley Counties. Hail to 3/4 inches diameter occurred at several places with no damage. Wind caused some damage to signs and unsupported structures in east Wichita.						
Cowley County	14	7:35 p	touch-down		0	0	0	0	Tornado
			Tornado briefly touched down in open country 2 miles east of Rock. No damage.						
Harvey County	14	9:15 p			0	0	0	0	Hail
			Hail to 3/4 inches occurred with a thunderstorm in the Newton area with no reports of damage.						
Douglas County	15	1:00 a			0	0	5	0	Lightning
			Lightning struck a hog farm 2 miles east-southeast of Baldwin causing fire which destroyed buildings and 300 hogs.						
Douglas County	16	10:10 p			0	0	4	0	Lightning
			Lightning struck a dairy barn just north of Baldwin and the resulting fire destroyed the barn, storage hay, and equipment.						
Washington County	17	5:40 p			0	0	-	5	Hail
			Thunderstorms moving northeastward were accompanied by some hail of 1-3/4 to 3 inches diameter. Crops were damaged with 10 to 100% loss southeast of Greenleaf. Property damage was minor.						
Gove County	17	6:30 p			0	0	4	0	Lightning
			Lightning struck a garage in Quinter causing a fire which destroyed the garage, tools, and a truck.						
Harvey, Marion, Sedgwick, and Rice Counties	17	4 p-mndt			0	0	3	0	Funnels, rain wind, hail
			Thunderstorms along a cold front moved northeastward through the counties. Funnel clouds were reported in Harvey County near Patterson (6:30 p), over Newton (6:45 p), in Sedgwick County west of Wichita (7:17 p), and at Burns in Marion County (7:45 p). Wind caused minor damage to trees in Hutchinson. Hail to 3/4 inches diameter occurred in eastern Rice, southern Harvey, and eastern Sedgwick Counties with no damage reported. 2 inches of rain fell in 30 minutes at Colwich.						
Riley, Pottawatomie Counties	17	6-8 p			0	0	3	0	Wind, hail, rain
			Thunderstorms moved rapidly northeastward over an area from south of Manhattan to near Otaga. Gusty wind caused minor damage to trees and utility lines. Scattered hail occurred with some stones to 2 inches diameter reported east of Manhattan. Heavy rains caused some flooding.						
Johnson County	23	10-11 a			2	0	-	-	Rain
			Intermittent heavy showers from 5-11 am caused heavy runoff in urban areas. Two boys playing in the water were swept into storm sewers and drowned in Indian Creek in Overland Park in separate incidents.						
Scott, Lane, Rooks, and Ellis Counties	23	1:50-5 p			0	0	5	5	Hail, wind, funnel
			Thunderstorms moving rapidly northeastward along a cold front caused gusty winds and hail. Hail was 1 to 1-1/2 inches diameter in Scott County and up to 3 inches diameter in Lane County. A funnel cloud was observed about 2:45 pm near Plainville in Rooks County. Considerable property damage by strong winds occurred in and near Hays.						
Ellis County	23	3:30 p	touched down		0	0	4	0	Tornado
			A tornado briefly touched down on a farm 10 miles south of Hays destroying farm buildings and cattle.						
Osborne County	23	5:30 p			0	0	4	-	Wind
			Thunderstorms moving east-northeastward through the county caused damaging winds with the greatest damage in and near Natoma.						
Cowley and Elk Counties	23	2:50-6 p			0	0	0	0	Funnels
			Thunderstorms moving northeastward from Oklahoma caused several funnels with 2 reported near Arkansas City, 2 near Dexter, and another near Grenola about 5:30 pm.						

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

KANSAS (continued)									
Reno, Harvey, and Sedgwick Counties	23	8-9:50 p			0	0	5	3	Wind, Rain, A line of thunderstorms moved east-southeastward across these counties. Winds estimated at 100 mph caused considerable damage at an airport 10 miles south of Hutchinson. A funnel was sighted southeast of Haven at 8:50 p. Heavy rain and small hail caused crop damage.
Nemaha County	27	8-9:40 p			0	0	3	7	Hail Thunderstorms developed over the northwest portion of the county and moved slowly southeastward. Hail to as much as 1-3/4 inches diameter was reported mostly around Hallettsville. Minor damage to trees and utility lines and some damage to crops.
Atchison, Jackson, Jefferson, Shawnee and Wabaunsee Counties	28	7-9 a			0	0	5	0	Wind, funnels, hail A squall line with locally intense thunderstorms moved southeastward through these counties with heavy showers, gusty winds, and some hail. All counties reported minor wind damage and farm buildings were destroyed near Northville and south of Leavenworth. Funnel clouds were reported 16 miles south-southwest and 20 miles southeast of Topeka about 7:35 am. A few hailstones to 1-3/4 inches diameter fell south of Topeka.
Barton County	28	3:40 p	1	20	0	0	4	0	Tornado Tornado touched down 5 miles south-southwest of Great Bend moving eastward. Damage was to homes, buildings, and trees. The funnel was obscured by heavy rain.
Stafford, Reno, Kingman, Sumner, and Cowley Counties	28	5-8:30 p	90	*2	0	0	5	4	Wind, hail A line of thunderstorms moved southeastward through the counties producing strong winds, heavy showers, and some hail. A major path two miles wide was traced from near Turon southeastward through Penola to Spivey then east-southeast to Wellington and Winfield. Damage was to trees, houses, grain storage bins, and utility lines.
Dickenson, Saline, Ottawa Counties	28	5:28-6:15 p			0	0	5	7	Hail A severe thunderstorm moved eastward across southern Ottawa, northern Saline and into Dickenson County. Large hail, some to 3 inches in diameter caused property and crop damage. Hardest hit areas were around Bennington and Solomon.
Coffey, Woodson, and Neosho Counties	28	8-10:05 p			0	0	5	4	Wind, rain, lightning Thunderstorms moving eastward through the counties were accompanied by strong wind gusts (115 mph at Chanute), and heavy rain. Damage included trees and power lines especially near Chanute, Yates Center, and near LeRoy. Lightning and a fire that followed extensively damaged a motel near Burlington.
Marion County	28	6-7 p			0	0	5	5	Hail, rain A severe thunderstorm over the northeast portion of the county between Marion and Ramona caused heavy rain and hail with some hailstones to 4 inches or more in diameter. Damage was to trees, buildings, crops, and some livestock losses.
Neosho County	29	10 a			0	0	0	0	Hail A thunderstorm was accompanied by some hail to 1-3/4 inches in diameter in the vicinity of Erie.
SPECIAL HAIL SUMMARY									
Hail loss clearing house reports indicate hail was especially severe on the following dates, and in the following counties.									
2 Finney, Ford									
6 Edwards									
10 Ellis, Russell									
13 Dickenson, Saline, Sedgwick, Stafford									
14 Butler, Cowley, Harvey, Sedgwick, Sumner									
15 Sumner									
17 Barber, Clay, Cloud, Dickenson, Geary, Harper, Harvey, Kingman, Marshall, McPherson, Ottawa, Pottawatomie, Pratt, Reno, Rice, Saline, Sedgwick, Stafford, Sumner, Washington									
23 Edwards, Ellis, Finney, Grant, Gray, Haskell, Lane, Lincoln, McPherson, Marion, Mitchell, Nees, Osborne, Ottawa, Rice, Rooks, Russell, Saline, Scott, Smith, Stafford, Stanton, Sumner, Trego									
26 Cloud, Nemaha, Republic, Washington									
27 Brown, Nemaha, Marshall									
28 Atchison, Brown, Cloud, Cowley, Dickenson, Kingman, Leavenworth, Marion, Marshall, Mitchell, Morris, Nemaha, Ottawa, Reno, Republic, Saline, Stafford, Sumner, Washington, Woodson									
29 Dickenson									

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					KILLED	INJURED	PROPERTY	CROPS	

KENTUCKY									
Daviess County	1	12:20 CDT			0	0	4	4	Funnel Cloud Hail Small hail damaged soybean crops in western half of Daviess County. A Henderson police officer sighted a funnel cloud about 12 miles east of Henderson.
Lincoln County	19	4:40 EDT			1	1	0	0	Lightning A 14 year old male was killed and another youth was injured by lightning while standing under a tree.
Leslie County	21	9 p.m. EDT			0	0	3	4	Hail A hail storm did extensive damage to gardens, crops and property.
Green, Metcalfe, and Adair Counties	21	10:15 p.m.			0	0	4	4	Hail Lightning A violent hail storm damaged tobacco crops severely in western Adair County. In Metcalfe County, hail 3 inches deep caused hazardous driving conditions and destroyed tobacco crops. In Green County, a portion of a herd of dairy cattle valued at \$40,000 was killed by lightning.
Wayne and Pulaski Counties	22	4:30 - 5:30 p.m.			0	0	4	4	Hail A hail storm moved through eastern Wayne County and southern Pulaski County damaging or destroying tobacco plants and gardens.
Campbell County	22	6 p.m. EDT			1	0	0	0	Lightning A 15 year old male was killed by lightning while standing on a wagon loading hay.
Owen County	23	Mid after-noon			0	0	5	3	Thunderstorm-Wind Strong thunderstorm moved through Owen County damaging numerous homes, farm buildings, and trees.
Boone County Greater Cincinnati Airport	24	7:30 p.m. EDT			0	1	3	0	Tornado A mini-type tornado touched down on airport property and on Donaldson Highway. One person was injured when a camper was blown off Donaldson Highway.
Union County	28	4:07 p.m. CDT			0	0	4	0	Thunderstorm A thunderstorm uprooted several trees, damaged several buildings and downed power lines. One power electrocuted 11 (eleven) registered cows. Most damage occurred in the southern portion of the county.
Christian County	28	6:15 p.m. CDT			0	0	4	0	Hail Wind Corn and tobacco crops took a severe beating in southern Christian County by hail and wind.
Murray	29	2:30 p.m. CDT			0	0	4	0	Wind Wind storm uprooted trees and damaged a few farm buildings.
Owensboro	29	afternoon			0	0	4	0	Wind Wind measured at 78 miles an hour caused damage in the Owensboro area.
Graves County	29	5 p.m. CDT			0	0	4	0	Wind Strong winds downed power lines and damaged buildings in Mayfield.
LOUISIANA									
Breton Sound, Plaquemines Parish	3	12:45 P.			0	0	0	0	Waterspout Waterspout spotted southwest of Boothville Weather Station and Venice Coast Guard Station.
Plaquemines Parish	4	7:36 A			0	0	0	0	Waterspout Four waterspouts observed in West Champagne Bay northwest of Grand Isle.
Jefferson Parish	5	7:55 A			0	0	0	0	Waterspouts Coast Guard reported waterspout in Barataria Bay just north of Grand Isle.
Jefferson Parish	20	12:50 P			0	0	0	0	Waterspout

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					KILLED	INJURED	PROPERTY	CROPS	
LOUISIANA (continued)									
Lake Pontchartrain & Lake Salvador	25	10:00 A			0	0	0	0	Waterspouts
		Several waterspouts reported in eastern Lake Pontchartrain and near Lake Salvador.							
Madison Parish	28	1:30 P			1	1	0	0	Lightning
		Mrs. Viola Scott was killed and her son was injured by lightning while they were hoeing cotton near Ingewood Bridge about two miles south of Tallulah.							
Concordia Parish	29	11:45 A			0	0	3	0	Windstorm & Hail
		High winds overturned a trailer and knocked out electric service in Vidalia. Hail the size of small ice cubes piled up in the streets. This storm crossed the river into Natchez, MS.							
Natchitoches Parish	30	8:05 P			0	0	?	?	Hailstorm
		Golf ball size hail was reported from Robeline, just west of Natchitoches.							
MAINE									
Statewide	11	Aftn				1	5		Wind, lightning
		Many trees blown over and others struck by lightning. Lightning especially heavy. Youth, near Augusta, injured by lightning while talking on telephone. Locally heavy rains and 1/2 inch hail reported.							
Stratton, Franklin County	16	Evening					3		Lightning
		House destroyed by fire caused by lightning. Many communications-related equipment damaged.							
Central	24	Evening					5		Wind, lightning, rain
		Most damage to buildings, power, and communications caused by lightning.							
Turner, Androscoggin County	29	5 - 6 pm					5		Hail, lightning, rain
		Hail, golf ball size, reported. Heavy damage to orchards. Minor damage to buildings and windows.							
MARYLAND & D.C.									
Baltimore Metropolitan Area	1	5:00 p - 7:00 p			2	2	5	0	Wind, hail, rain
		Severe thunderstorm lashed portions of the area. Numerous trees were downed by wind, damaging homes and vehicles. One large tree fell on an automobile, killing the two occupants in the front seat, with the two others in the rear seat escaping serious injury. At least six homes were damaged by falling trees. Utility lines were reported down in 45 locations, with at least nine telephone poles broken. Hail up to an inch in diameter fell in the Ellicott City-Catonsville area; it was reported to have covered the ground in parts of northwest Baltimore. A large glass pane at Johns Hopkins Hospital was shattered but no one was hurt. Many streets were reported flooded during the brief downpour.							
Talbot and Caroline Counties	1	6:00 p - 8:00 p			0	0	4	3	Wind, hail, rain
		Widely scattered but severe thunderstorms were accompanied by strongly gusty winds and marble-size hail. Many trees were downed in the Ridgely-Bridgetown area. Scattered power outages were reported. At Bozman wind ripped off portions of a brooder house roof, resulting in the suffocation by panic of over 200 eight-week-old broilers; damage to the structure was estimated at less than \$1000. In Easton signs of two eating establishments were downed by wind. Hail did some damage to the corn crop.							
Carroll County	6	10:30 a			0	0	3	0	Lightning
		A severe thunderstorm was reported in the Falls Road-Hoffmanville Road area. Lightning struck and blew tops off two utility poles. At least two houses received minor damage by lightning; the most severely damaged occurred when fused and melted wiring came into contact with the structure and charred siding boards. Power company had to replace four transformers.							
Entire State and District of Columbia									
	9-12								Air Stagnation
		High pressure remained about stationary over much of the eastern half of the nation. Poor atmospheric dispersion conditions prompted the issuance of an air stagnation advisory for part of the mid-Atlantic area. Alert-level air quality readings were measured in the Baltimore and Washington D. C. metropolitan areas. Southward-moving cold front brought improving conditions on the 12th.							
MARYLAND & D.C. (continued)									
Washington and Allegany Counties	15	4:15 p - 5:15 p			0	0	4	0	Lightning, Rain
		Thunderstorms, moving through the area, resulted in localized heavy downpours and several property-damaging lightning strikes. In Cumberland a lightning bolt caused a second floor closet fire and also splintered and scorched paint on a portion of the outside of the house. Lightning-induced electrical surge also was believed responsible for overheating of an air conditioner in a drug store. At Hagerstown a bolt hit the third floor of a residence, causing extensive fire damage to attic and making the second floor unliveable two firemen were slightly injured while fighting the blaze.							
Harford County	16	Night			0	0	3	0	Lightning
		Lightning struck a windmill, a well-known landmark in the Forest Hill area. Resulting fire inflicted extensive damage to the wind mill as well as the upper portion of the pump house.							
Allegany County	21	4:45 p - 5:50 p			0	0	3	0	Rain
		Rain, totaling over two inches in the area, caused flash-flooding and mud slides over two sections of Route 220. This necessitated the re-routing of traffic. In Cumberland, cars were stalled in the Green Street subway and several homes reported flooded basements.							
MASSACHUSETTS									
Pembroke	30	5 AM			0	0	3	0	Lightning
		Lightning short circuited wiring in a house causing a kitchen fire.							
MICHIGAN									
Area east & south of Adrian & Flint	11	afternoon			0	0	4		Thunderstorms
		Strong winds and lightning knocked out electrical service to 10,000 homes and businesses in the area. Royal Oak, Southfield and Troy hardest hit. Church hit by lightning damaging roof in Berkley, and scattered window breakage reported in downtown Lapeer.							
Area west of Holland & Coldwater.	12	afternoon			0	0	4		Thunderstorms
		Strong winds and lightning caused scattered tree and line damage in Van Buren and Allegan Counties. Home struck by lightning in Paw Paw, badly damaging the roof and electrical wiring. Hail report is part of this storm. Listed below.							
1 1/2 SW Vicksburg Kalamazoo Co.	12	5pEST			0	0	7		Hail
		2-inch hailstones dented a car and a pickup truck, punched holes in an aluminum camper cover and shredded trees in a small area at Barton Lake.							
All of Upper Michigan & area W of Onaway,Alma & Battle Creek in Lower Michigan	13 & 14	evening & early morning			1	0	5	C	Thunderstorms
		Strong convective gusts, small hail and lightning battered the area. Hardest hit was Mackinac Island, Traverse City, the Sawyer Air Force Base complex and Van Buren and Berrien Counties in southwestern Lower Michigan. In Sodus, a woman was killed when a tree fell on her head crushing her skull. An empty mobile home was flipped over at Baroda destroying it. A horse was killed by lightning at Mackinac Island. Some 10,000 homes and businesses were without power in Berrien, Van Buren and Grand Traverse Counties with numerous trees and lines down. Heaviest tree damage was in South Haven and Eau Claire areas where trees fell on homes and streets were blocked. Gusts of 55-65 MPH were reported at Benton Harbor, Sawyer AFB and at Pellston. Waterspouts and funnel clouds are part of this storm.							
17N Traverse City, Grand Traverse Co.	13	night			0	0	0		Waterspout
		Reported by the public off the east shore of Old Mission Peninsula.							
12NE Traverse City, Grand Traverse Co.	13	night							Funnel cloud
		Reported by the public to Grand Traverse County Sheriff's Department. Funnel observed to be north of Michigan Highway 72.							

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MICHIGAN (continued)									
1S Hartford, Van Buren Co.	13	8:35pEST							Funnel cloud
		Sighted by the Hartford Police. Funnel was observed to have gone back in clouds.							
30W Marquette, Marquette Co.	14	1.02aEST							Funnel cloud
		Reported by an air force pilot.							
Area S of Crystal Falls & Sault Ste. Marie including all of Lower Michigan	15	afternoon and evening			0	4	5	C	Thunderstorms
		Two north-south lines of thunderstorms moved through the area. Hardest hit were central and southwestern sections of the Lower Peninsula. Two women were injured, one seriously when a tree fell on their car southeast of Sister Lakes. Two people injured in Stevensville when their mobile home was overturned by winds. 35,000 homes and businesses without power at one time or another. Hardest hit were Kent, Ottawa, Mecosta, Saginaw, Roscommon, Ogemaw and Isosco Counties. A large warehouse lost a south wall and part of its roof and another business lost its roof in Mt. Pleasant. A furniture factory was damaged by winds SE of Grand Rapids. Ten utility poles were blown over on six cars on the south side of Glenford in Berrien County trapping four people in their cars. 12 mobile homes were damaged or destroyed by winds or falling trees in the state and homes were reported damaged by falling trees in Grand Rapids, Dowagiac, Higgins Lake and Clare. An automobile was blown off the road northeast of Traverse City, winds gusted to 49 MPH at Muskegon, 60 MPH at Grand Rapids and were estimated at 70 MPH at Cadillac. Tornadoes, lightning, hail, and funnel clouds listed below are part of this storm.							
Saugatuck in Allegan Co. to 1S Jenison, Ottawa Co.	15	3:45pEST	24	130	0	0	5	C	Tornado
		Touched down briefly in Saugatuck on the north shore of Kalamazoo Lake ripping up electrical lines and trees. It then lifted and touched down again at 141st Avenue W. of Fillmore where it ripped off large sections of three warehouse roofs. It then moved northeast cutting a 5-mile path through trees and telephone lines blocking roads and knocking out electrical service. At 96th Avenue and Ottagan, it ripped off the roof of a barn and damaged a home before lifting while going over a golf course. 16 golfers witnessed the funnel pass over the course at tree-top level. It touched down again at 64th avenue and cut a path of damage across Jamestown Township before finally lifting 1/2 mile south of Jenison near Georgetown Road. 15 farms reported some kind of damage to buildings. Large hail accompanied the funnel east of 96th avenue.							
3NW Cedar Springs Kent Co.	15	4:30pEST	1/2	50	0	0	4		Tornado
		Touched down briefly on north shore of North Komos Lake and lifted just north of 20-Mile Road. At 20-Mile Road, it flattened a concrete block barn killing a calf inside and crushing a dump truck parked north of the barn. Women inside the farmhouse witnessed a 22-foot travel trailer being lifted 6 feet off the ground and set down undamaged. Farmhouse had a door ripped off and roof damage along with some broken windows. A neighbor saw the funnel cloud.							
3 1/2ESE Walton, Wexford Co. to 2 1/2SE Pife Lake, Kalkaska Co.	15	about 6:30p EST	5	130	0	0	4		Tornado
		Touched down in a wooded area just south of the Wexford-Grand Traverse County line. It then proceeded north-northeast blocking a major road with fallen trees and damaging a half dozen mobile homes. Two homes were damaged by fallen trees while the others were blown off their foundations. It lifted 2 1/2 miles east-southeast of Pife Lake. The funnel was seen by a resident of one of the mobile homes.							
2NE Stevensville Berrien Co.	15	4:20pEST			0	1	4		Lightning
		Struck a tree knocking it over on a motor home and a car. A 47-year old man inside the motor home was seriously injured when the tree crushed the roof of the home.							
Coopersville, Ottawa Co.	15	12:17pEST			1	0	0		Lightning
		72-year old woman struck while walking across an open field behind her home.							

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MICHIGAN (continued)									
3 1/2 NW St. Johns, Clinton Co.	15	6:30pEST	1	520				C	Hail
		3/4-inch hail fell over a mile-long path 10 to 30% crop loss expected in the affected area.							
Big Wolf Lake, Jackson Co.	15	8:30pEST							Funnel cloud
		Public reported funnel to Jackson County Office of Emergency Measures.							
2NE Cass City, Tuscola	15	8:10pEST							Funnel cloud
		Sighted by a resident of Cass City and confirmed by the Cass City police. Funnel was moving in a north-easterly direction.							
Lincoln, Alcona Co.	15	7:00pEST							Funnel cloud
		Reported by a resident of Lincoln.							
Barryton, Mecosta Co.	15	5:20pEST							Funnel cloud
		Mecosta County sheriff's deputies spotted it at 5th Avenue and 16-Mile Road.							
Elsie, Clinton Co. to Chesaning, Saginaw.	15	afternoon							Funnel cloud
		First reported by the public in the Elsie area and later seen and confirmed by Saginaw County sheriff's deputies in the Chesaning area.							
2 1/2W Hemlock, Saginaw Co.	15	afternoon							funnel cloud
		Seen and confirmed by Saginaw sheriff's deputies in the 16-hundred block of Gratiot Road.							
Montrose, Genessee Co.	15	afternoon							Funnel cloud
		Reported by the public in the Montrose area.							
12E Vanderbilt, Otsego Co.	15	3:15pEST							Funnel cloud
		Funnel was reported by the public moving northeast toward Onaway.							
SSW Clare Isabella Co.	15	2:30pEST							Funnel cloud
		Funnel sighted by the public and phoned into Gladwin County Sheriff's office.							
SSE Addison, Lenawee Co.	15	7:10pEST							Funnel cloud
		Reported by Lenawee County sheriff's deputies.							
2NE Morenci, Lenawee Co.	15	8:30pEST							Funnel cloud
		Reported by a citizen to Lenawee County sheriff's office							
3SSE Gowen, Montcalm Co.	15	5:20pEST							Funnel cloud
		Reported by a citizen.							
Over Howard City, Montcalm Co.	15	5:20pEST							two funnel clouds
		Reported by a resident of Montcalm.							
Trenton, Wayne Co.	15	9:40pEST							Funnel cloud
		Sighted over Trenton by Flat Rock police.							
Williamsburg, Grand Traverse Co.	15	afternoon			0	0	4		Lightning
		Struck a home setting it ablaze and destroying the dwelling.							
Vicksburg, Kalamazoo Co.	15	afternoon							Hail
		3/4 to 1 1/2 inch hail fell on Vicksburg.							
2 1/2S Hartford, Van Buren Co.	15	afternoon						C	Hail
		One inch hail fell between Hartford and Keeler damaging field crops.							
SSE Zeeland, Ottawa Co.	15	5.pEST			0	2	5	C	Hail
		One-2 inch hail badly dented aluminum siding and broke out windows in 130 mobile homes. On a nearby golf course several golfers received minor bruises from the two-inch stones when they became stranded on the course. Severe crop damage was also reported by 15 farmers in the area.							

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JUNE 1976

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
MICHIGAN (continued)									
Lower Peninsula	18	afternoon			0	0	4		Thunderstorms
	Saginaw County hardest hit. Two barns and one home damaged in Richland Township, Saginaw County along with numerous funnel cloud sightings. A barn destroyed near St. Louis in Gratiot County and trees blocking roads in northeastern Tuscola County. Heavy rain and strong wind knocked trees down and washed out roads in Midland County. Van Buren County reported tree damage also. Tornadoes and funnel clouds listed below are part of this storm.								
3NNE Edenville, Gladwin Co.	18	6.30pEST	1	40	0	0	4		Tornado
	Touched down on the north shore of Wixom Lake knocking two trees across Heron Cove Road. It then moved NNE ripping the roof off a garage and carrying it 200 feet. It also flattened a barn before lifting just north of Michigan Highway 30.								
3 1/2NW Lansing, Clinton Co.	18	6.10pEST			0	0	4		Tornado
	Touched down near a duplex in Delta, ripping out a metal yard shed and tipping over a swing set and a back yard grill. The shed was smashed against the side of the duplex damaging the siding. It then moved NE crossing I-96 and State Road where it heavily damaged a cement block barn and flattened a chicken barn and two trees. A farmhouse in the barn complex had damage to siding. It lifted 2 1/2 miles south of DeWitt without doing any additional damage.								
1/4 WSW Arthur, Saginaw Co.	18	6.15pEST	3 1/2	50	0	0	4		Tornado
	Touched down at the intersection of Michigan Highway 15 and Wadsworth Road destroying a barn and blowing a pick-up truck off the road. It destroyed another barn before lifting 1/2 miles north of Reese on the Saginaw-Tuscola County line.								
6S Caro, Tuscola Co.	18	afternoon							Funnel cloud
	Sighted by a citizen near the intersection of Michigan Highways 24 and 46.								
Sterling Heights, Macomb Co.	18	evening							Funnel cloud
	Reported by Utica police to be at 19 Mile and Schoenherr.								
NE Tawas, Iosco Co.	18	7.45pEST							Funnel cloud
	Reported NE of Tawas crossing Michigan Highway 55.								
4NE Alma, Kalamazoo Co.	18	4.10pEST							Funnel cloud
	Sighted on the western border of Kalamazoo County near Michigan Highway 43 moving SE ward toward Kalamazoo.								
2S Tawas City, Iosco	18	evening							Funnel cloud
	Reported by 5 employees of the National Gypsum Company located on the south side of Tawas City.								
Eaton Rapids, Eaton Co.	18	6.05pEST							Funnel cloud
	Reported near Eaton Rapids.								
1N Romeo, Macomb Co.	18	8.15pEST							Funnel cloud
	Reported by the public just north of Romeo, Michigan moving NE at 35MPH.								
Shepherd, Ispella Co.	18	6.30pEST							Funnel cloud
	Reported in vicinity Shepherd moving in a northeasterly direction.								
Area south of Traverse City & Port Huron	24	afternoon			0	1	4	C	Thunderstorms.
	Scattered power line and tree damage occurred throughout the area. Trailer home blown over seriously injuring a man inside near Carson City in Montcalm County. 3200 homes without power when lightning hit a pole and set it afire in DeWitt. Hail-damaged apple and cherry trees in Manistee County and winds flattened two garages in Petersburg. Some basement flooding occurred in Monroe County after 2.6 inches of rain fell there. Tornadoes, waterspouts and funnel clouds listed below are part of this storm.								

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
MICHIGAN (continued)									
Deerfield, Lenawee Co.	24	6.16pEST							Funnel cloud
		Reported by the public at Deerfield moving to the north-east at 40 MPH.							
Fairfield Lenawee Co.	24	6.20pEST							Funnel cloud
		Reported by the Fairfield Fire Department.							
1/2SW Deerfield Lenawee Co.	24	6.24pEST			0	0	4		Tornado
		Touched down briefly in a residential area on the SW side of Deerfield, ripping part of the roof off one home and taking out a wall in a home under construction next door. Funnel seen minutes before it hit by the Blissfield police.							
5N Toledo Monroe Co.	24	7.10pEST							Funnel cloud
		Seen and confirmed by troopers at the Michigan State Police Post at Eire. Funnel sighted at Sterns and Whiteford Center Road.							
5SE Luna Pier over Lake Erie	24	7.10pEST							Waterspout
		Coast Guard Station at Toledo, Ohio reported seeing a waterspout to the northeast over Lake Erie.							
20N Oscoda Iosco Co.	26	3pEST							Hail
		One inch hail reported.							
Lower Peninsula	28	late evening & night			0	0	4	C	Thunderstorms
		A line of late evening thunderstorms caused scattered tree and power line damage throughout the area. 1000 homes left without power in Saginaw Valley when lightning knocked out three transformers. Hail did widespread damage to garages in Tuscola County. Lightning struck a barn in Fostoria and a home near Marysville and both burned to the ground. Hail and funnel clouds listed below are part of this storm.							
2S Gladwin Gladwin Co.	28	9.20pEST							Funnel cloud
		Sheriff of Gladwin County reported a funnel cloud moving northeast.							
Near Farwell Clare Co.	28	8.30pEST							Funnel cloud
		Reported by Clare County Sheriff's Department. Funnel receded into clouds.							
Bangor Allegan Co.	28	9.25pEST							Hail
		one inch hail reported.							
Swartz Creek, Genesee Co.	29	11.44aEST							Funnel cloud
		Reported by the public over Swartz Creek. Moving east at 35 MPH.							
Saginaw, Saginaw Co.	29	evening			0	1	0		Lightning
		Lightning struck a group of trees and a 11-year old boy was standing under it. The boy was thrown into the air and was left unconscious.							
Saginaw, Saginaw Co.	29, 30	evening & early morning.					5	C	Flash floods.
		Hundreds of basements were flooded with as much as four feet of water. Heavy damage to furniture and furnaces. Saginaw and Huntington Woods were hardest hit. Sanitary sewer systems also backed up in many homes and businesses, contaminating food and supplies. As much as 3.76 inches of rain fell in the area between June 28 and midnight June 30. Some wheat and soybean fields reported under water in the Saginaw area.							
2SE Silverwood Lapeer Co.	30	afternoon							Funnel cloud
		Reported by a citizen to the State Police Post at Caro.							

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MICHIGAN (continued)									
Area from Port Austin on the tip of the Thumb westward to Saginaw Bay.	30				0	0	4	C	Wind
									Strong northeast winds swept up 5-7 foot waves on Saginaw Bay which pounded ashore, damaging boats flooding low areas, washing out roads and doing scattered damage to homes and sea walls. Homes were damaged in the Kilarney and Donahue Beach area.
1/2W Grand Haven over Lake Michigan	30	10.40aEST							Waterspout
									Sighted about one-half mile east of Grand Haven, Michigan over Lake Michigan moving southward.
10N of Grand Marais over Lake Superior	30	2.12pEST							Waterspouts
									Three pairs of waterspouts were observed by Grand Marais Coast Guard Station 8 to 12 miles to the north over Lake Superior. They were moving in a southwesterly direction.
MINNESOTA									
Pequot Lakes SE Crow Wing County	9	6:30PM			0	0	6*	0	Lightning
									Supper Club destroyed by fire from lightning strike during electrical storm. Attempts to extinguish blaze hampered by wind gusts to 50 mph. *Estimated.
Monticello Wright County	9	9:30PM	?	?	0	0	4	0	Wind
									Mobile homes, trailers and numerous trees damaged around Monticello.
International Falls Koochiching County	9	5:30PM	?	?	0	0	4	0	Wind
									Trees downed, windows broken, garage and storage shed blown down and trailer house moved off foundation in 2-mile stretch SE of city. One-inch hail reported.
Cross Lake Crow Wing County	9	6:30PM	?	?	0	0	4	0	Wind, Lightning
									60 mph winds destroyed trees. Trees fell on trailer house and automobile. Barn full of hay struck by lightning and burned.
South half of Itasca County	9	6:20-7:50PM	?	?	0	0	4	0	Wind
									Damage primarily in Grand Rapids area. Trees, power lines, and large advertising signs downed.
Roseau Roseau County	12	AM & PM			0	0	5	0	Lightning
									Morning and evening lightning strikes caused fire destruction of two barns vicinity of Roseau.
Hallock 4S Kittson County	12	1:30AM	1/4	*1/8	0	0	4	0	TORNADO 103
									Brief touchdown destroyed barn, damaged trees and two combines.
Red Lake Falls SSE Red Lake County	12	2:00AM			0	0	4	0	Lightning
									Fire from lightning strike completely destroyed barn and grainery.
Wannaska Roseau County	12	PM	1	200	0	0	4	0	TORNADO 113
									Barn destroyed, gas house blown down and garage moved on farm. Garage damaged, hay shed twisted on second farm.
Wright County	12	12:30PM	?	?	0	0	0	4	Hail
									1/2 to 1 1/2 inch hail and 75 mph wind damaged crops just east of Monticello and between Big Lake and Monticello.
North Central Morrison County	12	3:00PM	?	?	0	0	0	5	Hail
									1/2 to 1 1/2 inch hail destroyed crops in Ripley township.
Fairfax Area Renville County	12	4:00PM	?	?	0	0	0	5	Hail
									1 1/2 inch hail heavily damaged crops over 2000 acres.
Wrenshall Carlton County	12	4:35PM	3	200	0	0	4	0	TORNADO 113
									Steel barn destroyed, animals killed. Farm roof blown off. Tree fell on mobile home. Numerous trees and power lines down.

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MINNESOTA (continued)									
Austin 9N Mower County	12	5:05PM	2	150	0	0	4	0	TORNADO 112 Extensive damage to farm houses, out-buildings, and trees, Udolpho Township.
Two Harbors 1NE St. Louis County	12	5:30PM	1/5	40	0	0	4	0	TORNADO 1-1 Storage shed flattened by brief touchdown.
SPRING VALLEY Fillmore County	12	6:30PM	?	?	0	0	4	0	Wind Numerous farm buildings in area had roofs blown off. Farm building moved 1 1/2 feet off foundation. Small garage picked up and set down.
Grand Meadow Mower County	12	6:45PM	?	?	0	0	4	0	Wind Large trees blown over hitting power lines and damaging houses. Multi-storied corn dryer fell on transformer and power lines.
Olmsted County	13	4:20PM	?	?	0	0	4	0	Wind Two houses blown over in Stewartville, one overturned in Dover. Considerable tree and power line damage.
Winona County	13	5:10PM	?	?	0	1	5	0	Wind Two barns Southeast of Lewistown destroyed. In Winona 70 mph winds blew off roofs of apartment buildings, caused two-hour power outage and damaged 200-300 trees. 15-year old girl severely gashed from blown out plate glass window in gas station.
Fillmore County	13	4-5PM	?	?	1	1	5	0	Wind Preston man killed by falling tree while driving tractor. Man injured by falling tree near Spring Valley. 43 trees severely damaged in Spring Valley. Numerous power failures. Several tops blown off barns in vicinity of Wykoff. Three airplanes and two hangers damaged or destroyed at Fillmore County Airport. Greenhouse and barn totally destroyed in Harmony. Considerable damage to house and pickup camper in Lanesboro. Two barns demolished just west of Chatfield.
Grand Meadow & LeRoy, Mower County	13	4-5PM	?	?	0	0	5	0	Wind 80 mph winds downed trees and power lines in Grand Meadow, large trees fell on auto body shop, steel roof in lumber yard ripped off and building moved on foundation, trailers tipped. Numerous small buildings destroyed between LeRoy and Grand Meadow. Barn and cultivator destroyed near LeRoy.
Houston County	13	6:00PM	?	?	0	0	4	0	Wind In Caledonia several trees downed, tree fell on auto and house, aluminum shed carried 100 feet and smashed, TV antennas blown off. City Park in Houston received considerable tree damage, tree fell on parked car. Barn demolished near La Crescent. In Spring Grove, camper and house damaged by falling tree.
Northern Jackson & Southeast Cottonwood Counties	14	6:00PM	17	300	0	6	5	5	Tornado 233 Tornado touched down 5 1/2 miles north Lakefield moving northeastward to 2 1/2 miles west Mountain Lake. Farm machine shed demolished, numerous outbuildings damaged or destroyed, several cows and sheep killed, heavy tree damage, eight summer cabins demolished and 12 badly damaged. Fish Lake, six people treated for cuts and bruises, several corn fields stripped and 30 to 50% of 60-acre soybean field leveled, power and telephone lines downed.
Eastcentral Blue Earth & Extreme Southwest LeSueur Counties	14	8:10PM	25	300	1	6	6	5	Tornado 233 Tornado touched down five miles south Good Thunder lifting occasionally as it moved northeastward to five miles southeast St. Peter. Extensive damage farm machinery buildings and homes, many outbuildings destroyed, six people injured, one man killed when barn collapsed four miles northeast Mankato, 20 aircraft destroyed several others damaged Mankato Airport, poles and power lines downed interrupting electrical and telephone service.
Faribault Rice County	17	7:45PM			0	0	4	0	Lightning Extensive power outage of four hours duration due to severe lightning storm. Trees and power lines downed and fuses blown.

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MINNESOTA (continued)											
Argyle 2N Marshall County	27	5:10PM	10	100	0	4	5	0	Tornado 132		
Tornado moving from west to east crossed Highway 75 overturning pickup camper and demolishing motor home, four people in vehicles hospitalized, considerable damage to farm outbuildings, trees toppled resulting in temporary electrical outage.											
MISSISSIPPI											
Yazoo City, Yazoo County	1	Afternoon			0	0	3	?	Wind		
Strong thunderstorm winds destroyed several large trees, and lifted a shed carrying it across the street and over a fence then dropping and destroying it in a neighbors yard.											
Kosciusko, Attala County	1	Afternoon			0	0	?	?	Heavy Rain		
An estimated 2" of rain fell in about 45 minutes.											
2SW-4E Conchatta, Newton County	1	3:15 PM	5	440	0	0	5	4	Tornado		
The storm destroyed 7 homes and damaged 7 more (trees on houses, roof damage, etc.) with 3 receiving major damage; 3 mobile homes destroyed and 3 damaged; 20 service buildings destroyed and 20 more damaged; 6 pieces of machinery and equipment destroyed and 6 damaged (5 major damage); 160 acres of timber 50% lost along with 5 cows and 1,000 poultry. Crop and livestock damage around \$13,000 other damage about \$98,000.											
SW New Augusta, Ferry County	1	3:37 PM	1	33	0	2	4	?	Tornado		
In the Wade Community the storm destroyed one mobile home and overturned another. Other damage was done to barns, roofs, trees and crops. A few scratches and bruises were sustained by people in the overturned mobile home. Exact damage unknown but estimated at \$15,000.											
Pascagoula-MossPoint, Jackson County	5	3-7 AM			0	0	?	?	Heavy Rain		
The Standard Oil Refinery gauge recorded 5.5" of rain (some say a conservative figure) during the early morning hours. Streets were flooded and water entered a number of homes in low-lying areas. A boiler room at a local hospital flooded for the second time in two weeks.											
West-Central & North-Central Mississippi	15 evening - 16 morning				0	0	?	?	Heavy Rain		
Slow moving thunderstorms caused drainage flooding in several counties with heavy rains of 1 to 3 inches reported in a 3 hour period ending at 8AM on the 16th. Counties mainly affected included Washington, South Sunflower, Leflore, Carroll, Montgomery, Webster, Choctaw, Attala, Holmes, Humphreys, Sharkey, and Issaquena. Greenwood in Leflore County reported over 3.4" while Union in North Newton County measured 4.14".											
Greenville, Washington County	15	6:25 PM			0	0	?	?	Wind		
Winds to 60 knots (69 mph) were recorded during a thunderstorm at the Greenville Airport.											
Raleigh, Smith County	16	Afternoon			0	0	?	?	Wind		
Strong thunderstorm winds severely damaged a chicken house.											
1.5 S Gulfport, Harrison County	18	6:05 AM	?	?	0	0	?	?	Waterspout		
Waterspout reported by a pilot.											
15 S Biloxi, Harrison County	18	11:15 AM	?	?	0	0	?	?	Waterspouts		
Several waterspouts were reported moving north.											
MISSISSIPPI (continued)											
Greenville, Washington County	23	5:15 PM			0	1	4	?	Wind		
Winds of an estimated 70 mph swept through the southern end of Greenville. One mobile home was blown 150 yards from its former location resulting in minor injuries to 1 of the 5 occupants. Another mobile home was damaged; a farm shed destroyed; a small building blown through a chain link fence; a house roof was partially blown off; and a number of small trees and TV antennas were blown over.											
SW Jackson, Hinds County	24	6:59 PM			0	1	?	*	0	Lightning	
Lightning struck and knocked one person unconscious while standing in the church parking lot at the Woodville Baptist Church just outside the SW city limits.											
*(Damage for the month in several small lightning incidents amount to \$500-\$5,000).											
Okolona, Chickasaw County	27	12:30 PM			0	0	?	?	Heavy Rain		
A sudden deluge of rain dumped 4.02 inches on the city causing flooding of some areas.											
Ieland, Washington County	27	4:00 PM			0	0	?	?	Heavy Rain/Wind		
A summer thunderstorm apparently stalled right over Ieland deluged the town with an estimated 4" of rain in about an hour. Water backed up into places it had never gone before. The water drained away quickly. 3 miles away in some directions only a sprinkle of rain was reported. The violent winds broke off limbs and blew down trees.											
St. Bayou, Sharkey County	27	Afternoon			0	0	?	?	Heavy Rain		
An unofficial 4-5" of rain was reported, called by some residents as the biggest rain since the 1973 flood.											
Yazoo City, Yazoo County	27	Afternoon			0	0	4	?	Wind		
A wind and rain storm damaged trees and caved in a new office roof causing extensive damage.											
Oak Hill, Pontotoc County	27	Afternoon			0	0	?	4	Hail		
Golf ball size hail covered the ground and battered gardens and buildings. Damage \$10,000 or more.											
Oak Hill, Pontotoc County	27	Afternoon			0	0	?	?	Heavy Rain		
Besides the hailstorm, 5.42" of rain fell in about an hours time washing away driveways, bridges, and culverts.											
Natchez, Adams County	29	11:45 AM	1	100	0	0	4	?	Tornado		
The quickly developing storm and small tornado rushed across the Mississippi River from Vidalia, LA where it produced hail and strong winds. It destroyed reflectors on the Natchez-Vidalia Bridge, ripped the roof from an animal clinic, sheared off tree tops and twisted large metal signs. No injuries although one person was knocked off his feet onto the concrete. Some reports stated the storm lasted about 5 seconds. Damage around \$32,000.											
Sunflower County	29	6:45 PM			0	0	?	?	Hail		
Golf ball size hail pelted areas of the County. At the Billups Plantation reports stated the hail came down for about five minutes. 200 acres of cotton near Indianola was severely damaged, where in some areas nothing was left, not even a stem. Some hail damage was also reported in the Moorhead area.											
Columbia, Marion County	30	2:45 PM			0	0	?	?	Wind		
Tree tops were broken off by strong winds.											
S Marion County	30	3:15 PM			0	0	?	?	Hail		
Golf ball size hail reported.											

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JUNE 1971									
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MISSOURI									
Rushville, Buchanan County	12	7:30p	?	?	0	0	?	?	Hailstorm
Golfball sized hail reported.									
Raymore, Cass Co. & Raintree Lake, Jackson County	15	12:20a	20	70	0	0	4	0	Sev. Thunderstorm
Two mobile homes were damaged at Raymore and several homes under construction were damaged at Raintree Lake.									
Southwest Missouri	23	12a-7a			0	0	6	?	Flash Flooding
Heavy rains throughout southwest Missouri early in the morning caused numerous streets and roads to flood, some homes in low-lying areas to be inundated and forced the evacuation of several hundred campers at Roaring River State Park near Cassville. Reported rainfall amounts were Joplin 5.10; Seligman 6.32; Pierce City 5.21 and West Plains 4.65.									
St. Joseph, Buchanan County	28	12:12a	?	?	0	0	4	0	Sev. Thunderstorm
Winds measured gusting to nearly 70 miles per hour (69) moved a pickup truck 30 feet and did considerable damage to hanger roofs at the airport.									
Independence, Jackson County	27	8:45p	?	?	0	0	4	?	Hailstorm
Golfball sized hail pelted sections of Independence damaging gardens, roofs, screened porches, etc.									
Stoddard County	28				0	0	0	7	Flooding
Serious flooding involving 8,000 to 10,000 acres of prime farm land occurred along the Castor River following days of heavy rains. Water went over the levees flooding acre after acre ranging from a few inches in depth to 3 to 4 feet deep. Total crop losses are being claimed.									
MONTANA									
NO STORM DATA REPORT RECEIVED FOR THIS STATE									
NEBRASKA									
Brown County	1	4:30 to 5:30 PM			0	0	0	4	Hail
One and a half inch hail occurred in an area from just southeast of Ainsworth to just east of Long Pine. Considerable crop damage.									
Scottsbluff County	4	4 PM			0	0	0	3	Hail
One-half to three-quarter inch hail occurred in the area around Lyman and Morrill accompanied by 50 m.p.h. winds. Some crop damage occurred.									
Keith, McPherson, Arthur Counties	9-11	Morning to Night			0	0	3	4	Damaging Winds
Hot dry winds gusting to an estimated 50 to 80 m.p.h. seared crops, blew down power and telephone lines, damaged trees, blew over a mobile home and damaged cars and homes by falling limbs.									
Brown County	10	3:15 PM			0	0	0	0	Funnel Cloud
Three funnels reported four miles north of Ainsworth; not touching ground.									
Brown County	10	5:45 PM	1/4	50	0	0	0	0	Tornado
A tornado briefly touched down 1 mile west of Ainsworth. No damage.									
Perkins County	10	Evening			0	0	3	0	Damaging Winds
Gusty winds accompanying thunderstorms blew out plate glass windows in three businesses in southern Grant.									
Adams County	11	10 AM to 5 PM			0	0	3	2	Damaging Winds
Winds gusting to 60 to 70 m.p.h. damaged trees and powerlines.									
Scottsbluff County	11	5 PM			0	0	3	0	Damaging Winds
Gusty winds up to 64 m.p.h. blew down trees and a main powerline to southeast Scottsbluff causing power outages between 5 and 7 PM.									
Lancaster County	11	Evening			0	0	3	0	Damaging Winds
High winds caused powerlines to whip together causing power outages in portions of Lincoln.									
NEBRASKA (continued)									
Adams, Hall, Hamilton, Kearney, and Buffalo Counties	11	7:30 PM			0	0	0	0	Damaging Winds
Sixty m.p.h. gusts were experienced over the area causing no known damage.									
Knox County	11	11:30 PM	1/4	40	0	0	4	4	Tornado
A small tornado touched down 6 1/2 miles northwest of Verdigre damaging several small farm buildings and a tractor.									
Sarpy County	12	12:10 AM			0	0	0	0	Damaging Winds
Gusty winds of over 50 m.p.h. occurred with a thunderstorm which moved north.									
Madison County	12	1 AM			0	0	3	0	Damaging Winds
Gusty winds blew the roof off a barn and damaged a tree near Newman Grove.									
Otoe County	12	1 AM			0	0	1	0	Damaging Winds
Gusty winds damaged trees in the Syracuse area.									
Deuel, Chase, Keith and Perkins Counties	13- Morning 14 to Night				0	0	2	5	Damaging Winds
Hot dry winds with gusts in excess of 60 m.p.h. seared crops blowing some wheat, corn and bean crops out of the ground and covering other fields with dirt. Also uprooted trees up to a foot in diameter, damaged powerlines. A revival tent was blown down at Chappell.									
Douglas County	13	3:25 PM			0	0	0	0	Funnel Cloud
Funnel not touching ground just west of Bennington.									
Sarpy, Douglas, Dodge, Saunders, and Washington Counties	13	3 to 5:30 PM			0	0	0	4	Hail
Hail ranging from 3/4 to 3 1/2 inches fell at scattered points across the area. Hail of 3 1/2 inches was reported at Elkhorn and King Lake. Two and three-quarter inch hail fell around Fremont. One and a half inch hail fell over the west edge of Omaha. Considerable damage to crops was experienced.									
Otoe, Sarpy, and Extreme Southern Douglas Counties	13	9:30 to 11:50 PM			0	0	0	3	Hail
Severe thunderstorms with gusts up to 50 m.p.h. and 3/4 inch hail moved east-northeast across the area at about 25 m.p.h.									
Sioux County	13- Night to 14 Early Morning				0	0	0	0	Snow
Snow flurries occurred over the extreme north-west portion of the county with Harrison reporting 1 inch.									
York County	14	Morning			0	0	3	0	Damaging Winds
Gusty winds blew down trees in the York area damaging some cars.									
Wayne County	14	Morning			0	0	3	0	Damaging Winds
Winds gusting above 65 m.p.h. damaged trees, and powerlines in and around Winside.									
Lincoln, Sheridan, Kimball, Scottsbluff, Banner, Box Butte, Morrill, Garden, Deuel, Keith, Perkins and Chase Counties	14	6 to 12 PM			0	0	4	4	Damaging Winds
Thunderstorms accompanied by gusty winds up to 72 m.p.h. moved east-northeastward across southwestern Nebraska doing considerable crop damage, widespread tree and powerline damage along with numerous power outages. There was also considerable roof and siding and window damage. Gusts to 72 m.p.h. were recorded at Kimball, 63 at Scottsbluff, 46 at Sidney, 70 at Rushville, and 58 m.p.h. at North Platte.									
Box Butte County	17	2 to 3:30 PM			0	0	3	0	Severe Thunderstorm and Damaging Winds
A severe thunderstorm accompanied by high winds damaged trees and powerlines at Hemingford and Alliance.									

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NEBRASKA (continued)											
Gage, Lancaster, Otoe, Douglas, Cass, Sarpy, Johnson and Nemaha Counties	17	4:00 to 8:30 PM			0	0	3	4		Hail and Damaging Winds	
			Hail from 1/2 to an inch and a half in diameter fell at scattered points over the area. Gusty winds damaged trees and powerlines. Wheat, corn, and sorghum was also damaged.								
Johnson County	17	6 PM			0	0	3	0		Lightning	
			Lightning damaged a home north of Sterling setting it on fire.								
Scottsbluff, Kimball, Banner, Cheyenne, Morrill, and Sioux Counties	22	Evening			0	0	3	5		Hail	
			Thunderstorms accompanied by gusty winds of 50 m.p.h. and hail up to 1 inch in diameter, moved east-northeastward across the area. Wheat in a 7 1/2 mile long and 2 mile wide strip was 90 percent damaged. There was heavy damage to 3,082 acres, medium damage on 1,182 acres and light on 1,476 acres of sugar beets. Soybeans suffered severe damage.								
Hall County	23	4:30 AM			0	0	2	0		Lightning	
			Lightning split an elm tree on the court house lawn in Grand Island.								
Keith County	23	11:25 AM	1/4	30	0	0	0	0		Tornado	
			A tornado was briefly on the ground 8 miles south and 3 1/2 miles east of Ogallala in open country doing no damage.								
Perkins County	23	12:30 PM	1/4	30	0	0	0	0		Tornado	
			Brief touchdown of a tornado in open country 8 miles south and 4 miles west of Grant. No damage.								
Gage, Nemaha, Cass, Sarpy, Washington, Burt, Dodge and Saunders Counties	26	2:50 to 7:30 PM			0	0	5	5		Damaging Winds and Hail	
			Severe thunderstorms with gusty winds of 60 to 90 m.p.h. and hail ranging from 1/4 to 3/8 inches. Winds and hail damaged telephone and power lines, trees and roofs at scattered points throughout the area.								
Douglas County	26	4:45 to 5:30 PM	1	50	0	23	6	0		Tornado, Hail, and Damaging Winds	
			A tornado touched down in southwest Omaha around 168th and West Center Road and moved northeastward. Several funnel clouds were also observed over the surrounding area. Severe thunderstorms with gusty winds of 60 to 90 m.p.h. and hail ranging from 1/4 to 2 inches occurred over Omaha. Approximately 35 homes and 15 businesses were damaged.								
Douglas County	26	9:15 PM			0	0	0	0		Hail	
			One inch hail fell briefly over the southwest portion of Douglas County								
Johnson, Nemaha, Richardson, and Pawnee Counties	27	5:40 to 10:30 PM			0	0	0	0		Hail	
			Thunderstorms accompanied by 1 1/2 inch hail and gusty winds moved east across the area at 25 m.p.h.								
NEVADA											
NO STORM DATA REPORT RECEIVED FOR THIS STATE											
NEW HAMPSHIRE											
Franklin, Merrimack County	11	Aftn					3			Lightning, hail	
			Hail around 1/2 inch. Lightning struck trees, buildings, power and communication lines.								
Grafton, Merrimack, and Hillsborough Counties	29	4 - 7 pm					5			Rain, hail, lightning	
			Severe lightning caused power and communication outages. One house destroyed. Minor washouts and flooding. Hail to golf ball size.								
NEW JERSEY											
North Sections	1	3p - 5p			0	0	6	?		Severe thunderstorm, lightning	
			Severe thunderstorms moved across Northern New Jersey during the afternoon rush hours. Accompanied by gusty winds in excess 40 MPH and heavy lightning. These conditions caused trees to be uprooted; highway and Creek floodings; damaged homes and downed utility wires. In some areas there were reports of hail about the size of marbles. Some areas were without electricity and telephone services for several hours. There were no known reports of persons killed or injured during the storm. Crop damage is unknown.								
Northern and Western New Jersey	28-30						?	?		Thunderstorm, Lightning, Wind and Hail	
			Several scattered thunderstorms prevailed throughout these areas. These thunderstorms were accompanied by hail (size of marbles); heavy rain; frequent cloud to ground lightning; and gusty winds. The lightning caused several minor fires in some areas. Gusty winds uprooted some trees and knocked down power poles. Local highways and Creeks were flooded on the 30th as a result of the heavy rain which caused hazardous driving conditions.								
Northern New Jersey	30				2	2	0	0		Lightening	
			Lightening bolts killed two persons and critically injured a third as electrical storms and heavy rain lashed Northern New Jersey.								
			Albert Lazano, 17 and Juan A. Matos, 19 were being escorted to the Mess Hall (Annandale Youth Correction Center) by a guard Harry Potts when they were struck by a lightning bolt. Lozano received burns over 90% of his body. He was reported in critical condition at a local hospital. Matos was killed. Potts was treated at a local hospital for minor burns and shock.								
			Joseph Piller, 48 of Warren Township, was killed by lightning after he ran under a tree near his home to seek shelter from the storm.								
NEW MEXICO											
21 MILES ENE OF ARTESIA, EDDY COUNTY	2	9:40 A.	-	-	0	0	0	0		FUNNEL CLOUD	
			FUNNEL CLOUD REPORTED, PROBABLY BY PILOT, OVER OPEN COUNTRY.								
NEW YORK											
COASTAL											
Extreme Southeast	1	4p - 7p			0	7	?	0		Thunderstorm, Tornado	
Nassau and Suffolk Counties			A straight line outflow from a very intense thunderstorm in several areas of Nassau and Suffolk counties. There were uprooted trees by winds in excess of 60 MPH. The path of destruction across Nassau County (Hicksville and Bethpage) indicated the touch down of a weak tornado. 7 people were injured by flying debris.								
Westchester County	16	Mid - 7a			0	0	0	0		Rain, Flood Thunderstorm	
			Heavy rain caused minor highway flooding in Scarsdale. Westchester Airport reported rainfall of 3.09 inches, the bulk of it fell during a series of heavy rain and thunderstorms during the early morning hours. Homes throughout the county were without electricity when lightning caused Con Edison's circuit breakers to open.								
Westchester County	10	6 p			1	0	0	0		Thunderstorm, Lightning	
			There was a thunderstorm in the vicinity of Eastchester when Bernard Achiron was struck by lightning as he was running from his car to his home at about 6:30 p.m.								
Area	28-30				0	0	0	0		Thunderstorms	
			Several severe thunderstorms occurred throughout the Southeastern Sections of New York State. These thunderstorms were accompanied by heavy rain; frequent lightning and gusty winds. Several minor fires were reported throughout the area as a result of lightning. Heavy rain caused flash flooding in Westchester, Nassau and Suffolk Counties on the 30th.								

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1976

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
NEW YORK									
CENTRAL									
OTSEGO, ORANGE COUNTIES	10	PM			0	0	5	C*	HIGH WINDS
	INTENSE THUNDERSTORMS ASSOCIATED WITH STRONG WINDS CAUSED NUMEROUS TREES AND POWERLINES TO FALL WITH SEVERAL HARNS DESTROYED.								
WARREN, WASHINGTON COUNTIES	11	PM	4-1/2	100	0	0	5	C*	TORNADO
	ACTIVITY MOVED THROUGH THE SOUTH GLENS FALLS AREA AT AROUND 8:45 PM. NUMEROUS TREES AND POWERLINES WERE DOWNED, AND SEVERAL HOMES IN THE AREA WERE DAMAGED.								
CHEMUNG COUNTY	15/17 19/21				0	0	6	5	HEAVY RAIN
	SOME INTENSE THUNDERSTORM ACTIVITY WAS ASSOCIATED WITH A SERIES OF STORMS PRODUCING HEAVY RAIN AND CAUSING FLASH AND STREAM FLOODING WITH SOME SMALL RIVERS ABOVE FLOOD STAGE. EXTENSIVE DAMAGE RESULTED PARTICULARLY TO FLOODED HOMES AND WASHED OUT ROADS. A GOOD DEAL OF AGRICULTURAL DAMAGE ALSO OCCURRED ON THE 19TH AND 20TH WHEN AROUND 5 INCHES OF RAIN FELL IN A PORTION OF CHEMUNG COUNTY.								
OSWEGO AND CORTLAND COUNTIES	14	PM			0	0	5	C*	STRONG WINDS
	SEVERAL THUNDERSTORMS WITH ACCOMPANYING HIGH WINDS CAUSED EXTENSIVE POWERLINES AND TREES TO FALL WITH DAMAGE TO SEVERAL SHOPPING CENTER STORES.								
OTSEGO COUNTY (HARTWICK CITY)	16	8:10PM	3/4	50-75	0	0	5	C*	TORNADO
	NUMEROUS UPROOTED TREES AND POWERLINE POLES TOPPLED. A NUMBER OF TREES FELL ON HOMES IN THE TOWN OF HARTWICK. IN ADDITION, MANY WINDOWS WERE BLOWN OUT AND A TIN ROOF WAS BLOWN OFF OF ONE HOUSE.								
ONEIDA, MADISON HUDSON VALLEY AND CATSKILLS	22/23 28/30				0	1	5	C*	HEAVY RAIN LIGHTNING
	NUMEROUS THUNDERSTORMS PRODUCED LOCALLY HEAVY RAIN, HAIL, AND SOME LIGHTNING STRIKES. THE LATTER CAUSED DAMAGE TO CHIMNEYS AND A TEMPLE STEEPLE IN TROY. ONE MAN WAS SLIGHTLY INJURED BY A LIGHTNING STRIKE THROUGH THE TELEPHONE. A FEW FUNNEL CLOUDS ALSO OCCURRED. HEAVY RAIN WITH FLASH FLOODING IN MANY SECTIONS WASHED OUT ROADS, FLOODED BASEMENTS, AND CAUSED A VARIETY OF URBAN FLOODING.								
VICINITY OF ROUGH-KEEPSIE	29	6 PM			0	0	4-5	C*	SEVERE THUNDERSTORM
	TREES AND POWERLINES WERE DOWNED WITH SOME DAMAGE TO THE AIRPORT FACILITIES AND DUTCHESS COUNTY AIRPORT, WHERE A SEVERE THUNDERSTORM PASSED THROUGH THE AREA.								
VICINITY OF NEW PALTZ	30	6:15 PM	2	100	0	0	4	C*	TORNADO
	A TORNADO PASSED JUST NORTH OF THE TOWN OF NEW PALTZ. NUMEROUS TREES WERE UPROOTED OR SHEARED OFF AT THE TOP, AND SEVERAL HOMES WERE DAMAGED WITH ONE HOME LOSING A GARPORT AND ANOTHER A PORTION OF A ROOF. THERE WAS ALSO SOME AGRICULTURAL DAMAGE.								
NEW YORK									
WESTERN									
Allegany County Town of Willing	14	9-10PM			0	1	?	0	Thunderstorm
	Severe thunderstorm winds turned over a mobile home and an old house. One lady was slightly injured.								
Ontario County	14	7-8PM			0	1	4	0	Thunderstorms
	Severe thunderstorms severely damaged 3 mobile homes. One man slightly injured near Chapin. Lightning destroyed a barn with 3 tractors, a hay baler, and farm tools in Cheshire. Also, another barn in Marchester with hay, cats, and corn (\$10,000).								
Steuben County Lindley and South Corning area	19-20	6PM-9AM			0	0	7	?	Flash Flooding
	From 3 to 4 inches of rain between 5PM and 9PM caused flash flooding of all small streams. Damages were mostly due to washed-out roads, bridges, and basement flooding. Another 1-1/2 inches in 1-2 hours between 7-9AM caused additional minor flooding.								
Genesee County Oakfield	23	5:30-8:30PM			0	0	?	?	Flash Flooding
	Hailstones, marble size, and 6-8 inches of rain during thunderstorms were dumped on Oakfield. Drainage flooding resulted. From 1-2 feet of water stood in streets, basements were flooded, and electrical power was out 3-5 hours.								
Steuben County North Hornell to Canisteo	29	Aftn.			0	0	?	?	Thunderstorm
	Golfball size hail stripped trees and damaged croplands broke windows, and pitted metal sidings, mobile homes and vehicles.								

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
NEW YORK (continued)									
WESTERN									
Chautauqua County near Jamestown	29	2:30PM			0	0	?	6	Lightning Lightning struck a cherry tree and 13 Holstein cows standing underneath were killed... 11 cows were due to calve in late August.
Chautauqua and Erie Counties	30	3:20-5PM	1/2	30	0	0	4	0	Water-Spout-Tornado A waterspout developed over Lake Erie off Dunkirk. Radar and a Pilot Report indicated this at 3:20PM. It moved over Silver Creek about 3:40PM causing tree damage, then to Newstead northeast of Buffalo Airport at 4:45PM. Damage in Newstead-Clarence area consisted of downed trees and power lines. Heavy rain caused minor street flooding. Several funnel clouds reported also near Buffalo. PFF 101.
NORTH CAROLINA									
Stanley County	1	6 PM							Funnel Cloud Funnel cloud observed 1/2 mile south southeast of Norwood on highway 52.
Cumberland County	1	7 PM							Funnel Cloud Funnel cloud observed south of Ft. Bragg.
Greene County	2	3 PM					5	5	Hail Storm Hail and strong winds damaged crops (tobacco \$150,000,00 and corn \$65,000). Damage to farm buildings \$60,000 in Jason Hookerton and Ormonds townships near Ayden.
Duplin County	2	4 PM	1/4	15	0	0	3	3	Tornado A tornado touched down 4 miles west of Faison doing slight damage to trees, crops, and out buildings.
Guilford County	9	3:30 PM	4	800	0	0	0	5	Hail Storm Hail storm damaged tobacco crops in area about seven miles east of High Point.
Forsyth County	10	Evening						4	Hail Storm Hail Storm damaged about \$20,000 of tobacco near Walkertown.
Hertford County	12	5 PM					1		Lightning An Anoskie man was slightly injured and stunned when hit.
Jackson County	21	4 PM						4	Hail Storm Hail damaged crops worth \$10,000 in the Cullowhee area.
Rowan County	22	noon					4	3	Thunderstorm A thunderstorm with strong winds moved through area between China Grove and into Salisbury producing high winds and hail. Gusts at Salisbury airport measured to 100 miles per hour. Damage to outbuildings, an airplane and garden crops.
Stokes and Forsyth Counties	23	evening						5	Hail Storm Hail damaged tobacco crops in an area about 15 miles wide along the Stokes-Forsyth county line. Damage over \$300,000.
New Hanover County	27	4 PM						4	Thunderstorm Near 4 inches of rain fell in about an hour in the Wilmington area producing local flooding. One person killed and another injured when a car got out of control in water on the road.
Jackson County	28	8:30 PM	.2	10	0	0	5		Tornado A tornado moved through northeast Cullowhee doing about \$100,000 damage to power lines, some trees, mobile homes and buildings.
Gaston County	29	2:30 PM						4	Thunderstorm A thunderstorm struck near Bessemer City causing \$10,000 damage to farm buildings, a camper and trees.
Rowan County	29	3:30 PM						4	Thunderstorm A thunderstorm struck in the southeast part of Rowan county causing \$15,000 damages to buildings and trees.
Guilford County	29	3:30 PM						4	5 Thunderstorm A thunderstorm with hail and strong winds hit near McLionsville causing \$50,000 damage to tobacco; \$5,000 to buildings; and \$5,000 to trees.
Yadkin County	29	4 PM						5	6 Thunderstorm Thunderstorms hit western Yadkin county damaging over \$1,000,000 of tobacco; \$25,000 corn; \$15,000 small grains; and about \$100,000 to farm buildings and mobile homes.
NORTH DAKOTA									
North of Belfield	4	6:30pm	?	?	0	0	4	0	Tornado A 56 x 40 ft. barn 8 miles north was lifted in the air and carried about a quarter mile. Two power poles uprooted. A mobile home destroyed north of Belfield.
Billings, Dunn and Stark Counties	4	Evening	-	-	0	0	4	?	Heavy rain, Hail, Lightning. Heavy rains and local hail up to 3/4 inch caused damage. Some roads damaged. A woman and her two children drove into high water from a flooding coulee and were rescued. Lightning reported to have caused several prairie fires and some minor house fires.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1976

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE	CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS			
NORTH DAKOTA (continued)											
Mountrail, Ward and McLean Counties	4	Evening	-	-	0	0	4	0	Tornadoes, Lightning.		
									Tornadoes reported briefly 10SE New Town at 8:30 pm, 6 NE Plaza about 8:44 pm, and 9ESE Minot at 9:30 pm, apparently caused little or no damage. Lightning struck a utility pole in Minot causing a fire in a lumberyard.		
McKenzie County	5	7:05pm	-	-	0	0	?	?	Hail		
									Hail up to 1-3/4 inch in diameter reported.		
4W Tioga	5	7:55pm	2.0	35	0	0	5	0	Tornado		
									A tornado destroyed a barn, garage, chicken house and irrigation system on Raymond Schmidt farm 4W Tioga. Greg Hartsoch took movies of the tornado. Tioga Tribune photographer took pictures from the movie and published on June 23 that definitely confirmed a very well developed tornado.		
Grand Forks County	7	5:15pm	7	-	0	0	0	?	Hailstorm		
									Hail up to one inch diameter caused considerable damage to crops. Some crops stripped.		
Cavalier County	9	1 pm	-	-	0	0	?	?	High Wind, Hail		
									Heavy rain and high winds drenched central part of county. Some basements flooded in Langdon. One and three-fourths inch hail reported at Nekoma. Damage apparently minor.		
Hazen	11	3:10pm	?	?	0	0	0	0	Tornado		
SSW of Wilton	11	5:15pm	?	?	0	0	0	0	Tornado		
10N Harvey	11	5:30pm	-	-	0	0	4	0	Windstorm		
									Barn and windmill destroyed on Frank Cott farm.		
12NW Harvey	11	5:30pm	-	-	0	0	4	0	Windstorm		
									Mobile home destroyed. Pole barn destroyed.		
5N Mott	11	5:30pm	-	-	0	0	4	0	Windstorm		
									Garage and grain bin destroyed.		
9N Harvey	11	7:05pm	?	?	0	0	0	0	Tornado		
So of Sheyenne	11	7:51pm	?	?	0	0	0	0	Tornado		
New Leipzig	11	8:00pm	?	?	0	1	4	0	Tornado		
									House damaged and moved two feet off foundation at Emil Hauck farm. Mrs. Hauck injured by flying debris.		
Elgin	11	8:20pm	?	?	0	0	4	0	Tornado		
									Tornado passed through town, trailer destroyed, windows smashed, trees uprooted.		
Heart Butte Dam	11	9:00pm	?	?	0	0	4	0	Tornado		
									Cabin destroyed.		
6NE Underwood	11	9:00pm	-	-	0	0	5	0	Windstorm		
									Two barns and granary destroyed on Louis Stengel farm. Barn destroyed on Cleo Landseidel farm.		
6W Turtle Lake	11	9:05pm	-	-	0	0	4	0	Windstorm		
									Two barns destroyed, silos damaged.		
2S Fort Lincoln (Bismarck)	11	9:55pm	?	?	0	0	0	0	Tornado		
12SW Strasburg	11	10:30pm	?	?	0	0	4	0	Tornado		
									Barn and utility buildings damaged on Delvin VanBeek farm.		
Langdon	11	10:45pm	-	-	0	0	5	0	Windstorm		
									Barn destroyed, house severely damaged on Leo Petri farm. Building destroyed on Alfred Dettler farm.		
Ashley	11	11:10pm	-	-	0	0	5	0	Windstorm		
									Buildings destroyed or damaged, trees broken off on Edwin Kost farm.		
4-1/2NW Grafton	11	11:22pm	?	?	0	0	0	0	Tornado		
Mott	11	Evening	-	-	0	0	4	0	Windstorm		
									Television towers destroyed, ball park light towers destroyed, buildings damaged.		
NORTH DAKOTA (continued)											
New England	11	Evening	-	-	0	0	4	0	Windstorm		
									Steel grain tank destroyed, car damaged.		
N of Regent	11	Evening	-	-	0	0	*4	C	Hail		
									Eleven quarters of crop lost.		
North Shore - Lake Tschida	11	Evening	-	-	0	0	4	0	Windstorm		
									One trailer tipped over, another destroyed.		
Glen Ullin	11	Evening	-	-	0	0	4	0	Windstorm		
									Barns and grain bins knocked over.		
Underwood	11	Evening	-	-	0	0	4	0	Windstorm		
									One barn and grain bin destroyed, two other barns damaged on Louis Stengel farm.		
3E Underwood	11	Evening	-	-	0	0	3	0	Windstorm		
									Two grain bins destroyed on Ed Zwicker farm.		
Center	11	Evening	-	-	0	0	4	0	Windstorm		
									Wind damage to homes from broken trees and branches.		
4E Baldwin	11	Evening	-	-	0	0	4	0	Windstorm		
									Roofs ripped off two barns.		
N of Chaseley	11	Evening	-	-	0	0	*5	C	Hail		
									One Hundred percent crop damage.		
13N Harvey	11	Evening	-	-	0	0	*4	C	Windstorm, Hail		
									Mobile home destroyed and some crop damage on John Hager farm.		
14S Rugby	11	Evening	-	-	0	0	*4	C	Windstorm, Hail		
									Half of barn roof ripped off, severe hail damage.		
S of Napoleon	11	Evening	-	-	0	0	4	0	Windstorm		
									Grain bins and other buildings destroyed.		
4N Strasburg	11	Evening	-	-	0	0	4	0	Windstorm		
									Buildings damaged on Alois Wikenheiser farm and on Jim Kraft farm.		
12S Strasburg	11	Evening	-	-	0	0	3	0	Windstorm		
									Grain, combine and storage building destroyed on Ignatz Reinbold farm.		
Winona Bay, Oahe Reservoir	11	Evening	-	-	0	0	3	0	Windstorm		
									Irrigation system damaged.		
15N Valley City	11	Evening	5	20	0	0	4	0	Tornado		
									Cottage destroyed, boats piled up on shore, windows blown out at Bayshore Resprt. Cottage destroyed at Javett's landing. Both locations on east side of Lake Ashabula. Twenty foot trailer destroyed, car overturned at Henry Zadek farm. Boat and dock overturned at Charles Hill cottage. Both locations on west side of Lake.		
20S Jamestown	11	Evening	2	10	0	0	3	0	Tornado		
									Car picked up and carried two miles.		
Finley	12	Early morning	-	-	0	0	5	0	Windstorm		
									Extensive damage to buildings.		
10E Grafton	11	Evening	-	-	0	0	4	0	Windstorm		
									Barn destroyed on Thomas Altenhoff farm.		
Eckelson to Sanborn	11	Evening	-	-	0	0	5	0	Windstorm		
									Considerable damage to houses and farm buildings.		
5S Rogers	11	Evening	-	-	0	0	4	0	Windstorm		
									Empty grain bins flattened and barn damaged on Cruff Brothers farm. Machine shed destroyed on Hildebrandt farm.		
5N Webster	11	Evening	-	-	0	0	0	3	Hail		
									Field of wheat badly damaged on Robert Garshe farm.		
2N Garshe	11	Evening	-	-	0	0	4	0	Windstorm		
									Barn destroyed on Alden Palst farm.		

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1976

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					KILLED	INJURED	PROPERTY	CROPS	
NORTH DAKOTA (continued)									
7SW Mott	11	6:30pm	1	?	0	0	0	0	Tornado
20SW Bismarck	11	8:50pm	?	?	0	0	0	0	Tornado
		Sighted by pilot.							
8SW Bismarck	11	10:33pm	?	?	0	0	0	0	Tornado
17E Wilton	11	9:32pm	?	?	0	0	0	0	Tornado
5W McClusky	11	7:20pm	?	?	0	0	0	0	Tornado
4NE Hazelton	11	10:10pm	?	?	0	0	0	0	Tornado
28W Devils Lake	11	5:45pm	?	?	0	0	0	0	Tornado
18NW Devils Lake	11	9:55pm	?	?	0	0	0	0	Tornado
3SE Devils Lake	12	4:05pm	?	?	0	0	0	0	Tornado
		Reported to have touched down briefly.							
5E Devils Lake	11	9:55pm	?	?	0	0	0	0	Tornado
26E Devils Lake	11	11:50pm	?	?	0	0	0	0	Tornado
2E Park River	12	12:45am	?	?	0	0	0	0	Tornado
8W Pembina	12	2:00am	?	?	0	0	0	0	Tornado
20ENE Hannaford	12	1:15am	?	?	0	0	4	0	Tornado
4SE Rogers	12	1:10am	?	?	0	0	0	0	Tornado
5SW Alfred	11	Evening	1/4	10	0	0	4	0	Tornado
		Building carried approximately 50 yards, landing on two farm trucks and other implement machinery.							
Michigan City	11	Evening	-	-	0	0	5	0	Windstorm
		Barns and grain bins destroyed.							
7SW Montpelier	12	12:15am	?	?	0	0	4	0	Tornado
Hope	12	1:15am	-	-	0	0	4	0	Windstorm
		Golf course club house roof lifted, structure severely damaged.							
2-1/2W Drayton	12	2:20am	?	?	0	0	0	0	Tornado
Dunn County	24	Evening	30		0	0	4	C	High Wind, Hail, Tornado.
		Winds unofficially estimated 100 mph at Dunn Center. Heaviest damage in Halliday area where "farm buildings on about eight farms were destroyed." One farmer had only half of his house left and his son reported "One of the finest barns in the area is now a shambles." One farmer called his wife to see a "tornado." "In no time it was on us and we could hardly walk back to the house." A 30,000 pound truck and trailer with brakes set was moved 100 feet into the side of the house.							
Ramsey County	27	4:05pm			0	0	0	0	Tornado
		Tornado reported five miles southeast of Devils Lake. No damage reported.							
Sargent, Ransom, Cass & Richland Counties	28	5pm	-		0	0	4	0	High Winds, Tornado
		High winds damaged several buildings and many trees. Heaviest damage to a Lisbon lumber building just south of Lisbon. A report from Enderlin indicated two railroad cars moved from a siding to the main track. Fargo Weather Office reported peak gust to 81 mph. One aircraft upended and two others damaged. Power outages and telephone outages reported because of downed tree limbs. Possible tornadoes reported at Lisbon, Chaffee, Casselton and north of Fargo. A tornado was reported 25 miles west of Wahpeton at 5:45pm. No reports of damage.							
OHIO									
		SEE END OF TABLE							
OKLAHOMA									
Southeastern Custer County	13	5:20 p. 5:40 p.			0	0	0	4	Hail, wind
		High winds and marble size hail caused damage to unharvested wheat in the Arapah-Weatherford area.							
Blair-Martha area, Jackson County	13	5:30 p.			0	0	4	0	Wind
		Winds estimated at 75 m.p.h. caused damage in northern Jackson County. A barn was destroyed and one house damaged in the rural area between the two communities. One house was unroofed, several power lines were downed and a telephone booth was overturned in Blair. Approximately 50 television and CB antennas were snapped in two when the strong winds hit. Two vehicles were blown off US283 between Blair and Martha. A 3-9inch rainfall accompanying the storm produced minor flash flooding.							
Northern Jackson County	13	5:30 p. 6:00 p.			0	0	0	5	Wind, hail
		Fifty percent of the area cotton was damaged or destroyed in a wind, hail, and heavy rainstorm which struck the area. Thirty-five percent of the unharvested wheat was damaged or destroyed in the Blair-Martha area and up to 80 percent of the unharvested wheat was destroyed or damaged in the Warren area. An estimated 75 percent of the area wheat had been harvested at the time of the storm.							
Near Mutual, Woodward County	15	7:35 p.			0	0	0	4	Hail
		One-inch diameter hail fell 2 miles east of Mutual.							
Near Canton, Blaine County	15	8:00 p.							Funnel cloud
Okeene area, Blaine County	17	8:20 p.			0	0	4	0	Wind
		A barn was destroyed in an area west of Okeene. An apartment was unroofed and the roof of a home was damaged in Okeene.							
Near Dewey, Washington County	17	11:15 p.			0	0	4	0	Lightning
		Lightning struck and ignited a battery of 5 oil tanks. Each of the tanks had a 250-barrel capacity. Four of the tanks were destroyed and the oil was burned.							
Hollis area, Harmon County	23	7:10 p.			0	0	4	0	Wind
		A trailer house was demolished and sprinkler irrigation equipment was damaged. An object was propelled through a drive-in theater screen. A large porch was heavily damaged. A church steeple was blown over. Area roofs sustained heavy damage. At a farm northwest of Hollis a windmill and TV tower were destroyed. A steel feeder was damaged.							
Mangum, Greer County	23	7:15 p.			0	0	5	0	Wind
		Four mobile homes were overturned. A car wash and an agricultural warehouse were destroyed, power lines were blown down and trees uprooted. A service organization building was partly unroofed. Businesses sustained window and water damage. Three homes sustained major roof damage.							
Carmen, Alfalfa County	23	7:20 p.			0	0	4	0	Wind
		A mobile home was extensively damaged when it was overturned by strong straight winds. A house was partially unroofed. A garage was damaged. Hail 3/4 inch in diameter accompanied the storm.							
Hobart area, Kiowa County	23				0	3	4	0	Wind
		Winds measured at 78 m.p.h. caused considerable damage in the Hobart area. Several small trailers were blown over. Two occupants of different trailers were slightly injured. Two outbuildings were destroyed. Power lines and minor damage to buildings also occurred. A man was injured when he was blown off the top of a 30-foot high oil storage tank.							
Snyder area, Kiowa County	23	8:15 p.			0	0	4	0	Wind
		The southern half of a house and 2/3 of a trailer were unroofed. Heavy rains caused additional water damage. A barn and garage were destroyed on a car inside the garage was damaged.							
Weatherford area, Custer County	23	9:20 p.			0	0	4	0	Wind
		A steel tower was blown over by strong winds. Near the tower							
		damage also occurred to outbuildings, fences, awnings and television antennas. A mobile home sustained major damage.							
Okeene area, Blaine County	23	9:30 p.			0	1	4	0	Wind
		One woman was injured when wind blew over the ladder she had climbed in order to shut a grainary door. A barn was destroyed. An apartment was unroofed. A number of homes sustained shingle damage.							

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE	CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS			
OKLAHOMA (continued)											
Altus area, Jackson County	23	11:30 p. - 11:50 p.			0	0	4	0		Wind	
										Strong winds knocked down 9 poles carrying 69,000 volt power lines to Altus Air Force Base. A metal frame building under construction was damaged. Tree and minor roof damage also occurred.	
Near Snyder, Kiowa County	23	11:55 p.	1/4	30	0	0	2	0		Tornado	
										A probable tornado downed a power line 3 miles west of Snyder.	
Tecumseh area, Pottawatomie County	24	12:49 a.			0	0	5	0		Wind	
										Winds estimated to be at least 80 m.p.h. caused extensive property damage in a 1/2-mile-wide area and 2-mile-long area extending from 1/2 mile west of Tecumseh Lake to the Tecumseh cemetery. A barn, mobile home and an almost completed home were destroyed. Five barns, several homes and numerous trees were damaged. About one dozen gravestones in the cemetery were overturned.	
Shidler, Osage County	28	9:00 p.			0	0	3	0		Hail	
										Hail 3/4 inch in diameter was reported.	
Bartlesville, Washington County	28	10:05 p.			0	0	4	0		Lightning	
										A house was extensively damaged by a fire resulting from a lightning strike.	
Ft. Gibson Reservoir area, Wagoner and Cherokee Counties	29	3:30 p. - 4:30 p.								3 Funnel clouds	
										Wall cloud produced at least 3 funnel clouds. Movement was from north to south.	
Near Chandler, Lincoln County	29	4:30 p.			0	0	3	3		Hail	
										Hail up to 1 inch in diameter occurred 5 to 6 miles SE of Chandler.	
Near Meeker, Lincoln County	29	5:20 p.			0	0	3	0		Hail	
										Hail ranged up to 1 3/4 inches in diameter.	
Near Muskogee, Muskogee County	29	5:40 p.			0	0	4	0		Hail	
										Hail 1 3/4 inches in diameter was observed just east of Muskogee.	
Near Shawnee, Pottawatomie County	29	6:10 p. - 6:13 p.	1 1/2	30	0	0	0	0		Tornado	
										A small tornado was reported 5 miles NW of Shawnee. The tornado moved from N to S with only tree damage being reported. The tornado was on the ground only about 3 to 4 minutes.	
McLoud, Pottawatomie County	29	6:15 p.	200**	100	0	0	3	0		Tornado	
										A tornado touched ground briefly in the McLoud area. Damage to roofs and campers was reported. The storm moved from general directions of north to south.	
Near Shawnee, Pottawatomie County	29	About 6:15 p.			0	0	0	0		Funnel aloft, hail	
										A funnel aloft was sighted near Shawnee Lake and hail of 1 3/4 inches in diameter was reported.	
Morris, Okmulgee County	29	7:10 p.			0	0	4	0		Hail	
										Hail ranged up to 1 3/4 inches in diameter.	
OREGON											
NONE REPORTED											
PACIFIC											
10 miles east of Kwajalein	24	7:28a.								Waterspout	
Guam										Additional damage report on Super typhoon Pamela for Guam: Government facilities \$32,200,000, private buildings \$6,500,000, private houses \$54,000,000, agriculture \$3,500,000, business \$147,500,000, personal belongings \$5,900,000. total: \$249,600,000. No. of persons killed should have been 8 instead of 1 as reported in May Storm Data. 7 killed in Truk and 1 killed in Guam.	
PENNSYLVANIA											
EASTERN Lancaster, Cumberland, Extreme Southern Dauphin, Extreme Northern York and Chester Counties	1	5 PM to 9 PM EDT			0	0	5	5		Hail, Heavy Rain, Wind, Electrical	
										Severe thunderstorms moving southeast from Cumberland County into Lancaster County dropped hail of varying sizes. The largest hail was baseball to golf-ball size in the Carlisle to Harrisburg area and 1-1/2 inch to walnut size in Lancaster County. The hail piled up to 8 to 12 inches deep in some locations. The hail combined with wind and heavy rain caused much damage to field and orchard crops. Some crops were almost totally destroyed. The heavy rains caused widespread field and roadway flooding with mud slides in a few locations. The water and mud entered buildings and caused structural damage to a few. Strong wind gusts downed many trees and utility poles causing damage to buildings and power outages to thousands. The highest gust reported was 75 miles per hour at Middletown. Lightning also caused a few fires and damage to buildings. North of Carlisle, 8 people were killed in an airplane crash caused by the storm. The thunderstorms also moved over Chester County causing some roadway flooding, also downed trees and power lines.	
Kingston, Luzerne County	4	6:30 PM to 7 PM EDT			0	0	3	0		Wind	
										Rain squalls in the Kingston and Wilkes-Barre area were accompanied by strong winds which downed trees in Kingston.	
Martinsburg, Blair County	14	7:30 PM			0	0	0	3		Hail	
										Hail damaged trees, gardens, orchards and other crops. The largest hailstones measured 1-1/2 inches in diameter.	
Tioga, Lycoming Counties	14	10 PM to 4 AM EDT			0	0	4	0		Heavy Rain, Flash flooding	
										Heavy rains caused severe flash flooding over Tioga and Northern Lycoming Counties.	
Tioga County	19	5 PM to 9 AM EDT			1	1	7	3		Heavy Rain, Flash flooding	
										Heavy rains on the 19th and again early on the 20th caused severe flash flooding. Rainfall during this period reached as much as 7.50 inches. About 100 families were evacuated with 1000 homes having water in the basements and 50 with water on the first floor. A number of buildings sustained structural damage. Much damage was done to roads and bridges with five bridges lost and 26 roads seriously damaged. One highway department employee was drowned and one was injured when their automobile went into a washout and was swept away in a stream.	
Extreme Eastern Northumberland County	23	7:30 PM to 8 PM EDT			0	0	4	0		Wind	
										Strong wind gusts accompanying thunderstorms downed trees and power lines and blew in windows. Two people were injured in an automobile accident when one automobile swerved to miss a fallen tree.	
Chester, Montgomery Counties	27	6 to 7 PM EDT			0	0	5	0		Wind, Hail, Heavy Rain, Electrical	
										Thunderstorms with strong winds, hail and heavy rain moved across the counties downing many trees and power lines. The winds destroyed one barn and severely damaged two others. Heavy rain caused roadway flooding in some sections. Hail of one-half inch diameter fell at Royersford, Chester County. Lightning striking transformers added to power outages caused by falling trees and tree limbs.	
Northeast Penna. bounded by Northampton to Lebanon to Snyder to Bradford Counties	28	6:30 PM to 9:30 PM EDT			0	0	5	0		Wind, Heavy Rain, Hail, Electrical	
										Thunderstorms scattered throughout the northeastern Pennsylvania area blew down many trees and tree limbs knocking down power lines. Roadways were flooded in some sections and some hail was reported. The largest hail reported was golf ball size at Cartonsdale, Luzerne County. Lightning struck many buildings causing damage and a few fires. One large commercial building in Troy, Bradford County, was completely destroyed by a lightning fire.	

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					KILLED	INJURED	PROPERTY	CROPS	
PENNSYLVANIA (continued)									
EASTERN									
New Franklin, Franklin County	28	8 PM to 11 PM EDT			0	0	0	4	Hail
									Hail caused considerable damage to orchards.
Berks, Lehigh Counties	29	1 AM. to 3 AM			0	0	3	0	Electrical, heavy rain
									Thunderstorms caused some roadway flooding and numerous lightning strikes. A few minor fires resulted and power outages occurred when transformers were hit.
Chambersburg, Franklin County	29	4 PM to 5 PM EDT			0	0	4	3	Hail, electrical
									Hail produced by thunderstorms damaged crops and buildings and broke thousands of windows in greenhouses. The largest hail was of golf ball to almost baseball size. Lightning struck buildings and power lines causing power outages.
Wilkes-Barre area, Luzerne County and Ephrata area, Lancaster County	29	6 PM to 7 PM EDT			0	0	4	4	Hail, Heavy Rain, Wind, electrical
									Thunderstorms with hail, heavy rain and strong winds caused roadway flooding, downed trees and power lines and crop damage. The largest hail was of golf-ball size. Lightning also caused power outages and damage to buildings. As much as 3 inches of rain fell in one hour.
Hamburg, Berks County	30	2 PM EDT			0	0	3	0	Tornado FFP 101
									A tornado moved across the grounds of the Hamburg State School and Hospital uprooting and shearing off trees and damaging the landscape. A lamp post was torn from its base and a car window was shattered by a flying branch.
Eastern Lebanon and Northwest Berks County	30	1 PM to 4 PM EDT							Heavy rain, Wind electrical
									Thunderstorms produced very heavy rain which caused extensive stream, roadway and basement flooding. The flood waters carried some automobiles out of driveways into the street with water up to the windshields. Rainfall amounts of almost 4 inches were recorded. Basement walls collapsed in some homes. Some trees were downed by the wind and lightning caused a few fires. Wind damage and lightning fires also occurred around Allentown, Lehigh County.
Luzerne, Schuylkill Counties	30	1 PM to 2 PM EDT			0	0	4	0	Heavy Rain, Wind, Hail
									Thunderstorm downpours caused considerable roadway flooding. One retaining wall collapsed when undermined by the flood waters. A few trees were also blown down by winds. Golf-ball size hail was reported at Coaldale, Schuylkill County.
Williamsport, Lycoming County	30	6:30 AM to 8:30 AM EDT			0	0	3	0	Heavy Rain, Electrical
									Thunderstorms with heavy rain caused roadway flooding and numerous lightning strikes caused fires and structural damage.
PENNSYLVANIA									
WESTERN									
Tunnelton, Westmoreland County	1	Afternoon	1 1/2	?	0	0	4	?	Tornado
									Clarksburg Road area - moved eastward, demolishing a mobile home, overturned a camper and damaged an implement shed and fence row on a third property.
Windber, Cambria Co.	6	?			0	8	3	0	Electrical
									Lightning struck a cabin, injuring 8 occupants, 3 of whom were hospitalized in guarded condition.
Meadville and Crawford Counties	11	2:00-2:45 p.m.			0	0	3	?	Electrical
									Lightning-caused fires; plugged drains and culverts, resulting in damage from overflowing sewers.
Southern Westmoreland County	11	?			0	0	4	?	Electrical
									Lightning-caused fire damaged a home, also minor damage to trees and wires.
PENNSYLVANIA (continued)									
WESTERN									
Northern Fayette Co.	11	10:00 p.m.			1	0	3	?	Electrical
									Heavy rain, wind, hail, many branches and wires down. Man killed by lightning while walking across a cemetery with a group of friends none of whom were injured.
Northern Westmoreland, Armstrong and southern Clarion Counties	13-14	10 pm - After M.			0	0	4	?	Electrical
									Heavy rain, wind, hail, lightning caused some power outages, flash flooding and damage to 2 homes, one in Apollo and one in Vandergrift, resulted from lightning-caused fires. Also, 2 cars washed into Bethel Township creek shortly after 11 p.m. 6 occupants of the cars suffered minor damage from exposure. In New Bethlehem, a fire developing after lightning hit a fuse box destroyed a shed and some equipment stored therein.
Washington and Allegheny Counties	14	5 - 8 pm			0	0	?	?	Electrical, hail
									Line of thunderstorms moving east produced heavy rain accompanied by hail - mothball to golfball size near Eldersville in northern Washington County, while in the Pittsburgh district in Allegheny Co., 1/2"-1" hail fell in late afternoon and again about 7:45 p.m.
Cokeburg-Bentleyville, Washington County	24	4:20 pm	3	?	0	0	4	?	Tornado
									Touched down at 4:20 pm between Bethlehem Steel Corp. mine No. 60 and LR 62054 near Cokeburg, moved on an easterly course passing through parts of Ellsworth before reaching Bentleyville area. Seen by firemen at Bentleyville Boro Building, moving west to east, rising 100' to 150' in the air. Touched down again at farm 2 miles from Boro Building at 4:40 pm, destroying a garage containing a specially-equipped van but missing the barn and house which were only slightly damaged by flying debris. Storm by-passed the Senior High School, but damaged two other farms, blowing off a barn roof and uprooting several trees on one and knocking down electrical wires, igniting a small fire on the other.
PUERTO RICO									
									NONE REPORTED
RHODE ISLAND									
									NONE REPORTED
SOUTH CAROLINA									
Richland County	1	2-4 P.M.					2	3	Hail
									Hail up to 1" in diameter damaged crops and roofs.
Darlington	3	P.M.					3	4	Hail, High Wind
									Hail and high winds accompanying severe thunderstorm damaged crops and trees vicinity of Darlington
Boiling Springs, Spartanburg County	19	6:30 P.M. 1/5	50	0	2	4	2		Tornado
									Small tornado damaged 4 homes and destroyed a barn 1/2 mile south of Boiling Springs.
Summerville, Dorchester County	21	3-4 P.M. 1/5	25	0	0	4	2		Tornado
									Small tornado touched down briefly damaging 6 homes in Greenshire area
Central S.C.	16	P.M.					3	2	Thunderstorm
									Heavy rains of 3 to 4 inches caused urban flooding.
Lexington and Richland Counties	16-17	P.M.					3	2	Thunderstorms
									Heavy rains accompanying afternoon and evening thunderstorms caused considerable urban and small stream flooding.
Northwest and Northern S.C.	29	P.M.			1	1	5	2	Lightning, wind, hail
									Area of thunderstorms developed just east of the mountains and moved eastward. Lightning burned 2 homes, injured 1 person in Greenville. Hail and high winds accompanying thunderstorms damaged trees, cars, and utilities across portion of Oconee, Anderson, Greenville, Spartanburg, and York Counties. A boy was killed in Bethel Community near Clover (York County) when a barn (where he had taken refuge) collapsed on him. (3 people killed on Georgia side of Lake Hartwell by lightning during this storm.)

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					KILLED	INJURED	PROPERTY	CROPS	
SOUTH DAKOTA									
Perkins	1	Evening							Heavy Rain and Hail
Hail accompanied the thunderstorm in which nearly two inches of rain fell in the Lemon area. Some hail drifts measured eight inches in depth. Under downspouts and in corners, the accumulation reached two feet.									
Henry SW Clark County	9	8PM CDT							Funnel
Miller 10N Hand County	9	Evening							Funnel
Mansfield Spink County	9	Evening					4	4	Large Hail
Scattered thunderstorms occurred during the evening. Rainfall amounts were generally less than one inch and the accompanying hail was quite small. However, golf ball size hail fell at Mansfield and two funnel clouds were sighted. At Watertown, wind gusts reached 69 mph causing some tree damage.									
Pierre 20SW Stanley County	10	6:45PM MDT							Tornado
A tornado was sighted in open country in southern Stanley County about five miles NW of Wendte or approximately 20 miles WSW of Pierre. No damage was reported.									
Brown and Spink Counties	10	Night							High Winds
During thunderstorms, which moved across northern Spink County, winds estimated at 80 mph occurred at Mellette between 10 and 11PM.									
Yankton County	11	3:15AM CDT							Funnel
The Yankton Police Department reported that a funnel cloud had been observed several miles west of the city of Yankton. Since no damage was reported, it is assumed that the funnel did not touch the ground.									
Dewey County	11	9:25PM MDT							Funnel
A funnel cloud was sighted at Glencross, located 30 miles WSW of Mobridge, in the southern portion of the county.									
Codington County	11	Evening							High Winds
Winds associated with thunderstorms gusted to almost 70 mph at Watertown. Many branches were torn from trees during the storm.									
Pennington County	11	Evening							High Winds
The winds at Rapid City Airport gusted to 61 mph and golf ball size hail fell on the northwest side of the city. One inch hail fell in the vicinity of Piedmont and north of Bear Butte.									
Yankton County	12	3:25AM CDT							High Winds
Radio station WNAX in Yankton estimated winds of 50 to 70 MPH during thunderstorm activity.									
Hamlin and Codington Counties	12	Evening					4		High Winds
Strong winds caused by thunderstorms in the Estelline area resulted in broken branches, uprooted trees, and some roofs being blown from farm buildings. Surface winds at Watertown Airport reached 63 mph.									
Lawrence, Meade, and Butte Counties	13	6:4				1	5	7	Flash Flooding
Heavy rains began late Sunday, June 13th, and continued until midnight, Monday, June 14th, producing flood conditions in a number of streams originating in the northern Black Hills and adjacent areas. There were several reports of nearly ten inches of precipitation. The most severe flooding occurred in Spearfish Creek within the city limits of Spearfish, in Whitehead Creek through Deadwood, and the three creeks which flow through the city of Sturgis. At Spearfish, in Lawrence County, the major flood damage was to streets, bridges, and public buildings. Losses are estimated to be one million dollars. Meade County losses were mainly in Sturgis, where a number of bridges were destroyed and roads damaged. A considerable amount of damage was in the city park. The estimate loss for Meade County is in excess of three and a half million dollars. At Deadwood, heavy rains caused a mud slide, which damaged several houses. Four people were injured, one fatally, in one of the homes. The overall estimated loss of homes, roads, bridges, and public property is 5.6 million dollars. Heavy rain, golf ball size hail and strong winds occurred near 6:00PM MDT, July 14th. It was reported that between 100 and 200 visitors' cars were damaged in the form of broken windows, windshields, headlights, body dents, etc. Golf ball size hail occurred in the southern and western portions of Rapid City. There was destruction to a considerable number of gardens.									
Day County	14	5:25PM CDT							Funnel
A funnel cloud was observed between Groten and Bristol. It was not observed touching the ground and there was no damage reported.									
Columbia in Brown County	14	4:30 to 5:30PM CDT							Large Hail
Three fourths inch hail and almost one inch of rain fell at Columbia during an early evening thunderstorm.									

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
SOUTH DAKOTA (continued)									
Grant County	24	6:00PM CDT	1	10					Tornado
		A tornado was observed by several persons about 5 miles east of Milbank, SD. It touched the ground several times, but no damage resulted.							
Edmonds County	25	9:55PM CDT	1	5			4		Tornado
		During a thunderstorm, a tornado formed over Lake Parnley, west of Mine, SD, and moved ashore destroying a cabin and numerous trees along the shoreline.							
TENNESSEE									
Chattanooga, Hamilton County	21	11:20 p.					3		Large hail.
		A severe thunderstorm produced hail one-inch in diameter, 3 miles west of Chattanooga. Hail of lesser size covered the ground in many sections.							
Newport, Cosby Areas, Cocke County	21	3:00 p.						5	Large hail.
		Large hail 1-1/2 inches in diameter did extensive damage to the tomato and tobacco crops. Hail in spots was 6 to 8 inches deep and some drifts at least 18 inches to 24 inches deep.							
Hamblen County	21	3:15 p.						5	Severe hail storm and heavy rain.
		Hail along with 2 inches of rain in 40 minutes caused considerable crop damage.							
Wartburg, Lansing Areas, Morgan County	21	p.m.					4	4	Severe hail storm
		Most of the hail that had fallen was the size of hen eggs (2 inches in diameter). In addition to extensive crop damage, there was also damage to roofs, broken windows, and windshields and dented automobiles.							
Ooltewah, Hamilton County	26	2:30 p.			1				Lightning.
		A 14-year old youth was struck and killed by lightning while horseback riding in a wooded area. The youth's horse was also killed by the lightning bolt.							
Nashville, Davidson County	27	3:22 p.				1	4		Wind and heavy rain.
		Rainfall of over 2 inches in a very short period of time caused flooding in downtown Nashville. Many cars at the Royal Ford Agency were filled with water. Another business suffered extensive damage when the high wind collapsed a roof injuring one workman.							
Woodbury (Pleasantview and Short Mountain Area) Communities, Cannon County	28	5:00 p.						5	Hail storm.
		Many acres of corn, tobacco, soybeans and vegetables were destroyed by hail that had drifted to depths of 2 feet.							
Millington, Shelby County	29	12:25 p.					4		Lightning and high winds.
		A house was struck by lightning and extensively damaged by the fire that followed during a severe thunderstorm. The wind gusted to 65 mph at the Millington Naval Station.							
Dunlap Sequatchie County	29	7:00 p.							Funnel clouds.
		Two funnel clouds observed minutes apart. Estimated at 15 and 2000 feet above the ground respectively. Damage included trees blown over and powerlines down.							
Soddy Daisy, Hamilton County	29	7:15 p.							Funnel cloud
		Funnel cloud observed 15 miles north of Chattanooga moving northeast.							
Cleveland, Bradley County	29	7:30 p.							Funnel clouds.
		Funnel cloud observed moving northeast.							
Decatur, Meigs County	29	8:00 p.					4		Severe thunderstorm and high wind.
		High winds associated with a severe thunderstorm destroyed a large barn in which 50 head of cattle were killed. In addition, tons of hay were lost.							
TEXAS									
NORTHERN									
W of Waco, McLennon County	15	8:00 p- 8:30 p			0	0	0	0	Several Funnel Clouds
		Several funnels aloft were sighted as a heavy thunderstorm moved southeastward through the Waco area.							

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					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)									
NORTHERN 10 E Linden, Cass County	15	10:05 p			0	0	?	?	Hailstorm
									1 inch diameter hail was reported. Damage was apparently negligible.
2 N Seymour, Baylor County	17	4:45 p			0	0	?	?	Windstorm
									Strong thunderstorm winds blew a Deputy Sheriff's car off of the road 2 miles north of Seymour. The storm moved toward the northeast.
Dallas, Dallas County	18	7:40 a			0	0	0	0	2 Funnel Clouds
									The funnels aloft were observed as heavy thunderstorms moved across northern Dallas.
5 NE of Cleburne, Johnson County	18	5:55 p			0	0	0	0	Funnel Cloud
									A pilot observed the funnel aloft which was verified by radar.
Near Midlothian, Ellis County	18	6:15 p	Short	Narrow	0	0	0	0	Tornado
									The brief tornado touchdown caused no damage. Radar indicated an intense thunderstorm in the area.
E of Clifton, Bosque County	18	8:34 p	Short	Narrow	0	0	3	0	Tornado
									The tornado, witnessed by SKYWARN storm spotters, destroyed a barn on a ranch east of Clifton.
Fort Hood, Coryell County	18	9:45 p			0	15	?	?	Windstorm
									Strong thunderstorm winds struck a Texas National Guard bivouac area on Fort Hood. 15 guardsmen were injured by falling center-beams when several large tents collapsed. None of the injuries were serious.
Texarkana, Bowie County	18- 19				0	0	?	?	Flash Flooding
									Heavy rains on the 18th and early on the 19th resulted in flash flooding across Texarkana. Police reported many stranded motorists and up to 4 feet of water in several homes. Up to 5.75 inches of rain fell in a 24-hour period.
5 SW Munday, Knox County	23	8:30 p	3/4	*1/4	0	0	4	2	Tornado
									The short-lived tornado moved a trailer house that was underpinned and anchored 3.5 feet to the east. The twister also carried a truck some 300 feet and turned it over. During the last 20 feet of the truck's journey it was apparently airborne as no ground tracks could be found. 70 round bales of hay and a grove of cottonwood trees were destroyed by the northeastward moving tornado.
Northwest Tarrant County	24	6:00 p- 7:00 p			0	0	?	?	Flash Flooding
									Heavy thunderstorms resulted in mostly minor flash flooding in the Azle area. Highway 1707 was temporarily closed by high water.
Duncanville, Dallas County	24	Evening			0	0	5	0	Windstorm
									An elementary school under construction was heavily damaged by thunderstorm winds. The winds knocked down several sections of block and brick walls, twisted a large steel I-beam and damaged smaller steel beams. Several trees in the same area were snapped off by the winds.
Grays Prairie, Kaufman County	24	7:34 p			0	0	0	0	Tornado
									The brief tornado touchdown, about 8 miles south-southwest of Kaufman, caused no known damage.
Fannin County	30	12:00 a- 1:00 a			0	0	?	?	Windstorm and Funnel Cloud
									Thunderstorm wind damage occurred in the Lake Bonham area. The damage was apparently not extensive. The funnel cloud was observed near Savoy.
Stamford and area, Extreme Northern Jones County	30	3:30 p	5	*3	0	0	3	4	Hail and Windstorm
									Marble size hail and 70 mph winds caused scattered damage in and around Stamford. About 250 acres of cotton were destroyed with an additional 2750 acres receiving 10 to 40 percent damage. The storm moved from the south to the north.
Arlington, Tarrant County	30	7:10 p			0	0	0	0	Hailstorm
									Civil Defense spotters reported up to 3/4 inch diameter hail east of Turnpike Stadium. No damage occurred.

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)									
SOUTHERN									
CLEAR LAKE Galveston County	1	1037	-	-	0	0	0	0	Funnel
									Sighted over Clear Lake moving west to east and again over Galveston Bay east of Kenah
MATAGORDA BAY Matagorda County	3	1300	-	-	0	0	0	0	Funnel
									Sighted near Palacios Bay
LAGUNA MADRE Cameron County	4	0850-0930	-	-	0	0	0	0	2 waterspouts
									Moving south.
BOCA CHICO Cameron County	4	0935	?	?	0	0	0	0	Waterspout-tornado
									Moved from Laguna Madre onto uninhabited beach near Boca Chico. Witnessed by several people on South Padre Island.
S. OF HIGH ISLAND Chambers County	6	0500	?	?	0	0	0	0	Waterspout
									Moved from east to west over the water.
PORT NECHES-NEDERLAND Jefferson County	6	1850-1905	3	50	0	0	4	0	Tornado
									Touched down briefly in Port Neches, lifted into cloud and touched down in Nederland destroying one house. Debris was scattered downstream for 3 city blocks. Movement was from east to west.
South and East Harris County	15	Afternoon	-	-	8	0	7	0	Heavy rains
									Rains up to 13 inches fell over southern and eastern Harris County producing stream and street flooding. Fatalities included one drowning, two missing and presumed drowned, 4 auto related deaths due to stalling, and 1 cardiac arrest that had to go unattended because of high water. Several hospital basements were flooded causing damage to various computer systems. Damages occurred to autos, homes, and commercial properties, also.
COPANO BAY Aransas County	16	0645	-	-	0	0	0	0	Funnel
TEXAS CITY Galveston County	25	0905	?	?	0	0	3	0	Tornado
									Small tornado touched down briefly and damaged several outbuildings and roofs and broke a few tree limbs. Moved to northeast.
BETWEEN DRISCOLL AND AGUA DULCE Nueces County	25	1100	?	?	0	0	0	0	Tornado, Funnel
									Two funnels moved east southeast in open country. One touched down briefly in open country.
AGUA DULCE Nueces County	25	1125	?	?	0	0	0	0	Tornado
									Tornado touched down briefly. No damage reported.
OVER TRINITY BAY Chambers County	26	0850	-	-	0	0	0	0	Funnel
BETWEEN TAFT AND SINTON San Patricio County	26	0905	-	-	0	0	0	0	Funnel
									Observed moving north.
MUSTANG ISLAND Nueces County	28	0700	-	-	0	0	0	0	Funnel
									Sighted by a pilot along the inner shore of Mustang Island.
TEXAS									
WESTERN									
10 miles northeast of Andrews, Andrews County	3	4:40P- 4:50P	?	?	0	0	0	0	Hail
									Hail, with a few stones to linch diameter, fell for about 10 minutes. No damage was reported.
Andrews, Andrews County	3	6:00P- 6:06P	?	?	0	0	0	0	Hail
									Hail, with a few some to 1 3/4" in diameter, fell for about 6 minutes. The hail "never was very dense" and no damage was reported.
Lazbuddie, Palmer County	5	10:45P-	?	?	0	0	4	0	Wind
									Wind associated with a thunderstorm estimated to be over 50 MPH inflicted heavy damage to two aerial spraying planes. The hanger was completely destroyed and draped upside down on the house next door.

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PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)									
WESTERN									
18 miles east of Balmorea, Reeves County	13	3:15P-	?	?	0	1	4	0	Tornado
									Tornado dipped down briefly and destroyed two mobile homes and heavily damaged two cars at a drilling rig site. A woman in one of the mobile homes suffered a broken arm.
Canadian, Hemphill County	17	5:35P-	?	?	0	0	0	0	Hail
									Hail to 1 3/4" in diameter fell briefly, no damage reported.
Miami, Roberts County	17	5:35P-	?	?	0	0	0	0	Hail
									Hail to 1 3/4" in diameter fell briefly, no damage reported.
11 miles north-north-east of Amarillo, Potter County	20	7:15P	?	?	0	0	0	0	Hail
									Hail to 1 3/4" in diameter was reported. No known damage.
just south of Amarillo, Randall County	21	6:18P-	?	?	0	0	0	0	Tornado
									Tornado spotted south of the Amarillo Air Terminal Complex by FMA tower personnel touched down briefly. No damage reported.
Brice, Hall County	23	5:40P-	?	?	0	1	4	0	Wind
									High wind associated with a thunderstorm destroyed one mobile home and injured one man slightly.
7 miles east of Midland, Midland County	23	5:45P-	?	?	0	0	4	0	Wind
									Public Safety officials reported an overturned mobile home by winds associated with a thunderstorm. The trailer was termed demolished but no injuries were reported.
8 miles east of Big Spring, Howard County	23	6:40P-	?	?	0	0	4	0	Wind
									High winds associated with a thunderstorm estimated to be over 60 mph damaged six mobile homes at the A-OK Campground. There were no injuries and total damage was estimated at \$45,000.
Snyder, Scurry County	23	7:02P-	?	?	0	0	5	0	Wind
									Straight line winds estimated at more than 60 mph caused an estimated \$100,000 damage. Two mobile homes received major damage, numerous outbuildings blown down, and power line down in an area of northern Snyder. Six to eight mobile homes sustained varying degrees of damage.
Midland, Midland County	25	9:15P-	?	?	0	0	3	0	Lightning
									Lightning caused heavy damage to mobile homes. The mobile homes were set on fire. No one was home at the time and there were no injuries.
UTAH									
Cache, Box Elder, Weber, Davis, Morgan, Salt Lake, Utah, Juab, Sanpete, Millard, Sevier, Iron, and San Juan Counties	14	03:00a 06:00a	0	0	0	0	0	7	Freeze, killing frost
									A major cold air mass for so late in the year moved across Utah during the late afternoon and night of June 13. Rapid clearing during the early morning hours of June 14 allowed strong radiational cooling to drop temperatures drastically with severe frost or freeze kill in many agricultural valleys of Utah. Minimum temperatures in colder spots of Utah and Salt Lake counties, and northward through Northern counties ranged in the upper 20's to the lower 30's. Agricultural valleys in the Central portion of the state and higher valleys such as Sevier and Cache were the hardest hit and had minimum field temperatures near the mid-20's. Damage to tomatoes, bean and fruit crops were spotty. Corn, alfalfa seed, alfalfa, wheat and other grain crops suffered the greatest losses. Preliminary estimates which are sketchy fix the total crop damages in excess of \$10 million. Some recovery is expected in the corn, hay, and alfalfa crop.
Cache, Box Elder Counties	27	04:00a 06:00a	0	0	0	0	0	5	Heavy frost
									Clearing skies and a cold air mass early Sunday produced additional spotty frost damage in the Lewiston-Tremonton area of Northern Utah. Temperatures in the colder areas ranged from 31 to 36 degrees. Most damage estimated at \$100,000 was to corn and bean crops.
VERMONT									
BENNINGTON, WINDHAM AND RUTLAND COUNTIES	30	PM			0	0	?	C°	HEAVY RAIN
									SLOW MOVING THUNDERSTORMS PRODUCED HEAVY RAIN WHICH CAUSED FLASH FLOODING AND WASHED OUT ROADS.
VIRGINIA									
State	1	Late afternoon and evening			0	0	5	3	Wind, rain, hail, lightning
									Thunderstorms covered most of the state, inflicting scattered and generally minor damage. In the Winchester area, a 60-by-20-foot section of a store roof was torn away by wind; also a construction trailer was overturned. Many trees were downed, with some damaging buildings and vehicles and breaking utility lines. Heavy rainfall was reported in scattered areas. In the Richmond area, lightning was the cause of mostly minor damage to buildings and interruption of utility service. A hail storm was reported between 2:30 p and 2:45 p in the Snow Creek area of Franklin County; residents reported hail-stones as large as golf balls; however, damage to tobacco crop was said to be small.
Russell County	1	7:30 p - 10:00 p			0	0	4	0	Rain
									A freak rainstorm in the Lebanon area dropped up to six inches of rain, causing flash flooding along Little Cedar Creek. Residents said that this was the worst flood in 30 years with water from five to eight feet deep along some sections of the Creek. One member of the Lebanon Rescue Squad reported that the water rose approximately two feet in 10 to 15 minutes. Residents in the Green Valley section of Lebanon reported up to five feet of water in the streets. Along a section of the old US Highway 19, only the tops of some stranded cars could be seen. One automobile was washed downstream more than 100 feet from the residence of its owner and lodged under a bridge.
State	8-13								Air Stagnation
									High pressure remained about stationary over much of the eastern half of the nation. Air stagnation advisories were in effect for the total period for Southwest Virginia and from the 9th through the 12th for the rest of Virginia because of the poor atmospheric dispersion conditions. Alert-level air quality readings were recorded daily. A southward-moving cold front brought rapidly improving conditions as it crossed the area.
Pratts (1 mile South), Madison County	12	1:45 p	0.2	4	0	0	4	0	Tornado
									A small tornado moved southward, following the contours of the valley and then turned toward the northwest as it moved toward higher ground; in this direction it did its greatest damage which included a two-car garage, a shed and two wooden silos. Unbelievably, the two houses on the farm received only minor damage although the garage which stood between them was demolished. Its roof was found 250 feet away while one wall remained missing. A 24-by-36-foot shed was picked cleanly off of massive joists and then smashed down with devastating force. The two silos were an unrecognizable jumble of splintered planks and twisted wire. A telephone pole was tipped into three mangled pieces; the wires were snapped and stripped of their insulation. A loaded hay wagon was driven yards uphill through a new 3-strand woven wire fence, uprooting three solid posts. An ancient and sturdy oak tree was uprooted and flung to the ground while a split rail fence directly behind the tree remained standing. During this time a very heavy downpour of rain was occurring. There was no thunder or lightning until after the passage of the tornado. Witnesses reported the sound of freight train as the tornado occurred. Damage was estimated at \$20,000.
Pulaski	16-17				0	0	2	0	Rain
									Heavy rain brought some minor flash flooding to this area. Three or four roads were temporarily blocked and some gardens were reported washed out.
Carroll County	19-20				0	0	3	0	Rain
									Heavy rainfall, reported as much as 5.87 inches over the weekend, brought flash flooding along Crooked Creek. A landslide occurred on Chinquapin Trail in the Hillsville area.
Gretna (near), Pittsylvania County	20	8:30 p			0	0	3	0	Wind, rain
									Strong winds struck a Snow Mountain home, tipping the front and side porch away from the structure and depositing it 50 feet to the rear of the house. Bathroom was flooded from a gaping hole in the roof. Damage was estimated at \$3000. A nearby home lost a TV antenna and suffered other minor damage.
Chilhowie, Smyth County	23	6:00 p			0	0	3	0	Wind, hail
									Thunderstorm with high winds and hail brought scattered damage to this area. A garage was blown down and trees were downed, blocking some roads.
Gordonsville, Orange County	25	5:00 p			0	0	3	0	Wind
									Strong winds bowed power lines and trees along the north side of highway routes 15 and 231.

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					KILLED	INJURED	PROPERTY	CROPS	
VIRGINIA (continued)									
Galax, Carroll County	26	Afternoon			0	0	3	0	Rain
									Heavy rains caused flash flooding and minor damage to homes and businesses in this area.
Rockingham County	29	1:30 p - 3:00			0	0	3	4	Hail, wind, rain, lightning
									A severe thunderstorm dumped large hail and heavy rain and brought high winds to Harrisonburg and to other widely scattered areas. Hail in the different areas ranged from pea size or smaller to golf ball size. Most severe damage was in a small area along Highway US-340 about three miles south of Elkton where hail as large as golf balls and extremely high winds shredded and bent corn and ripped gardens and melon patches at four farms; one resident said that it was the worst hail "he have ever had". Most hail across the area was pea-size or smaller. Lightning caused scattered power outages. The only highway trouble was a tree that fell across a road in the Mountain Valley area. Rainfall varied across the County from little or none to 1.7 inches.
VIRGIN ISLANDS									
					NONE REPORTED				
WASHINGTON									
					NO STORM DATA REPORT RECEIVED FOR THIS STATE				
WEST VIRGINIA									
Mullens, Wyoming County	13	6-7PM			0	0	4	2	Hail storm
									A hail storm which began around 6 PM, knocked out windows, doors, lights and damaged aluminum siding and automobiles. Many roofs on homes were destroyed. Hailstones were reported to range from golfball to baseball size.
St. Albans, Kanawha County	16	afternoon			0	1	0	0	Winds
									Gusty winds toppled a tree, injuring a young girl. Wind gusted to 38 MPH in the Kanawha Valley. Small hail accompanied the storm.
Statewide	29	evening			0	0	5	0	High winds, lightning
									Thunderstorms moved across the state accompanied by strong winds, small hail and locally heavy rain. Numerous power outages were reported with many trees downed. Lightning was indirectly responsible for a \$70,000 fire at Gauley Bridge. Wind gusts to 48 MPH were recorded at Kanawha Airport.
WISCONSIN									
Northwest Wisconsin	Entire Month				0	0	08	C	Drought
									A drought began in April affecting an 18 county area of northwest Wisconsin and causing 68 million dollars in losses to farmers by mid June. Losses were based on reduced hay and grain yields and some milk losses. Many farmers had been forced to sell livestock for lack of feed, grain, and hay. The hardest hit counties were Bayfield, Burnett, Douglas, Polk, Washburn, Iron, Rusk, Barron, St. Croix, Sawyer, and Ashland. In most of these counties, every farm was found to be in a critical feed situation. 60% of the farmers in the 18 county area were in critical need of hay or feed grain supplies in order to maintain normal feeding programs for their dairy and beef herds. 21,400 farms and 910,000 cattle were affected by the drought. By mid June, farmers were getting in only half of their crops. In some parts of northwest Wisconsin, the drought approached or exceeded that suffered in the 1930's.
									Spotty rains in late June eased the drought situation somewhat; however, partial federal disaster relief was given to some of the counties of northwest Wisconsin.
Portage County	12	2100	1/4	50	0	0	4		Tornado
									A tornado briefly touched down and leveled a mobile home a mile west of Alden.
St. Croix County	12	1700	1	100	0	0	4		Tornado
									A tornado did extensive damage to farm buildings 7 miles east of River Falls on a farm off CTH M.
WISCONSIN (continued)									
Marathon County	12	1900			0	2	0		Lightning
									Two fishermen were hit by lightning while fishing on a stream near Ringle. One man's breathing stopped but he was revived. The other received burns on his chest.
Portage County, Amherst	12	2030	1/4	50	0	0	4		Tornado
									The roof of the Amherst High School was ripped off as a tornado briefly touched down.
Grant County, Lancaster	12	Late			0	0	2	C	Hail
									Golf ball size hail and winds up to 70 mph hit a small area just west of Lancaster.
Outagamie County	12	Evening			0	0	5		Thunderstorms, Strong Winds
									The Outagamie County Airport in Appleton sustained \$400,000 in damages as high winds and thunderstorms buffeted the area. Five aircraft were destroyed and 12 others damaged. Several hangars were badly damaged.
									In Kaukauna, a large carport was completely destroyed damaging some cars.
									\$20,000 in damages occurred to a products center building in Greenville as the high winds hit.
									West of Appleton, strong winds in a thunderstorm blew the roof off six rooms of a motel.
Calumet County, Chilton	13	0500			0	0	4		Thunderstorms, Strong Winds
									A large farm machinery building was badly damaged.
LaCrosse County	13	1620			0	0	5		Thunderstorms, Strong Winds
									Strong winds, gusting up to 71 mph at LaCrosse Airport, caused many trees to be blown down. Also, scattered light damage occurred to some buildings in the LaCrosse area. In West Salem, extensive damage occurred to a concrete cash register building with damages over \$20,000.
Portage County, southern two-thirds	13	Evening			0	6	4		Thunderstorms, Strong Winds
									Damaging winds hit many parts of Portage County and caused scattered areas of damage. Many trees were down and widespread power outages occurred. Two people were hospitalized as tree limbs fell while they were walking. Four others were injured in other minor mishaps caused by the weather.
Portage County, Plover	13	1900	1/4	50	0	0	3		Tornado
									The Police Chief of Plover reported he observed a tornado that briefly touched down near the intersection of Hwy. 54 and County E. The Sheriff reported that the tornado rolled his car along and carried it across the intersection.
Wood County	13	1930 to 2030			0	2	5		Thunderstorms, Strong Winds
									Damaging winds caused \$250,000 in damages across the county. Heaviest hit areas were Pittsville, Marshfield, Wisconsin Rapids, Nekoosa, Port Edwards. A Marshfield woman suffered head injuries when a tree limb fell as she was walking.
Portage and Wood County	13	1940 to 2044	23	100	0	2	5		Tornado
									A tornado hit four miles west of Wisconsin Rapids in Wood County and continued to move east-northeast to a point just north of Stevens Point in Portage County near the intersection of Hwy. 51 and Business 51. Many trees were flattened down. In Stevens Point, scattered damage was reported just north of the city and a roof was blown off an apartment complex and several other buildings in the area. Two people were injured in the apartment complex from fallen debris.
Marathon County into Langlade County	13	2000	23	50	0	0	3		Tornado
									A tornado touched down two miles west of Hogarty in Marathon County and skipped along and moved east-northeast into extreme southwest Langlade County near Elmhurst and then continued to skip along northeastward to near Elton. Some sheds were destroyed and windows of some buildings were damaged along with tree limbs and power lines downed as the tornado moved along.
Outagamie County	13	2000	1/4	100	0	0	3		Tornado
									A tornado briefly touched down near CTH. F and Highway 54. Three barns were destroyed.

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					KILLED	INJURED	PROPERTY	CROPS			
WISCONSIN (continued)											
Oconto County	13	2015	4	50	0	0	4			Tornado	
										A tornado touched down just west of Oconto Falls causing \$20,000 worth of damage. A barn was destroyed and power lines and trees were down. In addition, a farm house was damaged and a good portion of an orchard was destroyed.	
Lincoln County Western Langlade County	13	2045	11	50	0	0	1			Tornado	
										A tornado touched down near Hwy. 64 in extreme southeast Lincoln County and then jumped along and commenced to move into western Langlade County about three miles north of Hwy 64. The tornado then skipped to near Co. Hwy. 1 where it was last reported. No damage was reported other than some downed trees.	
LaCrosse County	13	2230			0	1	0			Lightning	
										A man was talking on the telephone at the Wisconsin School for Boys and lightning hit and traveled into the telephone system and knocked the man unconscious. The man was later revived.	
Portage County	13	Evening			0	0	5			Lightning	
										Lightning hit a concrete company office building and caused a fire that did extensive damage to the building in Stevens Point.	
Monroe County	13	Evening			0	0	5			Thunderstorm, Strong Winds	
										Heavy thunderstorm winds, gusting to as high as 80 mph, hit an area west of Tomah and caused more than \$200,000 damage to nearby homes and farms. The strong winds blew roofs off of some homes. Two mobile homes were heavily damaged by the strong winds at Ridgeville. Walls were blown out of a hangar at the Tomah Airport. Many barns were destroyed in the area.	
Winnebago County	13	Evening			0	2	?			Strong Winds, Thunderstorms	
										In Oshkosh, two women were injured as high winds knocked them to the ground. Some cars were reported to have gone out of control as strong winds buffeted Butte Des Morts bridge.	
Jackson County	13	?			0	0	5			Thunderstorms, Strong Winds	
										High winds in Irving Township destroyed a barn and 25 head of cattle. Damage was estimated at over \$50,000.	
Clark County	15	0200			0	0	4			Lightning	
										In Thorp, a livestock auction building was hit by lightning and burned to the ground. 50 head of cattle were lost.	
Chippewa County	15	0200	4	100	0	0	4			Tornado	
										A small tornado briefly touched down near the town of Edson and did \$5,000 damage to a barn.	
Marathon County	15	0230			0	0	5			Lightning	
										Lightning caused \$200,000 damage as a fire broke out and destroyed a cheese packing plant.	
Dane County	15	1130			0	1	0			Thunderstorms, Strong Winds	
										High winds in a thunderstorm blew a stack of plywood loose and injured a man.	
WYOMING											
Saratoga 13 NNE	2	3:00 p.			1	0	0	0		Lightning	
										Lightning killed a ranch hand on the TA Ranch on Pass Creek Road at about 3 p.	
Sheridan 20 NW	4	6:30 p.	?	?	0	0	0	0		Tornadoes	
										Two tornadoes formed, touched down briefly over open range, caused no damage.	
Sheridan 25 NE	5	6:52 p.			0	0	0	3		Hail	
										One and three-fourth inch hail fell over open range.	
Gillette 21 NE	5	7:30 p.	?	?	0	0	0	0		Tornado	
										Public reported a tornado touched down over open range and moved north. No damage was reported.	
Sundance 21 W	5	7:30 p.	?	?	0	0	0	0		Tornado	
										Public reported a tornado touched down over open range. No damage was noted.	
WYOMING (continued)											
Moorecroft 5 NE	5	7:30 p.	?	?	0	0	0	0		Tornado	
										Public reported a tornado touched down several times just north of Keyhole Reservoir. No damage was reported.	
Gillette 3 N	5	7:39 p.	?	?	0	0	0	0		Tornado	
										Public reported a tornado touched down briefly over open range with no reported damage.	
Gillette 24 N	5	7:53 p.	?	?	0	0	0	0		Tornado	
										Two funnel clouds formed, one touched down briefly over open range, public report of no damage.	
Gillette 1 1/2 NNW	5	8:15 p.			0	0	0	2		Hail	
										Hail to 1 1/2 inches fell over open range just east of Gillette airport.	
Rozett 8 N	5	8:15 p.	?	?	0	0	0	0		Tornado	
										Public reported a tornado touched down over open range with no reported damage.	
Buffalo 25 NE	8	6:15 p.								Funnels aloft	
										Two funnels aloft were reported by the public.	
Riverton 4 SW	10	3:30 p.			0	0	4	0		Dust devil	
										A large dust devil did extensive damage to a mobil home and its environs.	
Kinnear 2 1/2 W	10	4:45 p.			0	0	4	0		Funnel aloft	
										A funnel cloud which got as close as 100 feet off the ground did damage to trees, haystacks, sheds and extensive damage to a partially completed new house.	
Lovell 3 NE	11	2:00 p.			0	0	0	5		Hail	
										A large hail storm, hail up to 3/4 inch, cut a path 3 miles wide and 10 to 12 miles long from 3 miles NE of Lovell to the southeast. The storm destroyed over 1,000 acres of crops and damaged another 1,300 acres.	
Gillette	13	2:50 p.	?	?	0	0	0	0		Tornado	
										Public reported a tornado just northeast of Gillette over open range, moved east. No reported damage.	
Gillette 20 N	16	5:51 p.	?	?	0	0	0	0		Tornado	
										Public reported a tornado touched down over open range, no reported damage.	
Tensleep 4 S	17	3:40 p.	?	?	0	0	3	0		Tornado	
										A tornado did damage to outbuildings on a ranch.	
Powell	26	Afternoon	?	?	0	0	3	0		Tornado	
										A tornado touched down just NE of Powell and did damage to a house, haystack, trees, etc.	
IOWA											
Portions of West Central, Southwest and much of Central Iowa	12	Late afternoon Early evening			0	0	6°	C		Severe thunderstorm (Hail, wind, lightning)	
										A major outbreak of thunderstorm occurred throughout most counties in the area. Hail ranging from 3/4" to baseball size was common. 5 inch rains fell at Atlantic in Cass County flash flooding Bull Creek and the Nishnabotna. 6" rain reported at Viola Center in Guthrie County flash flooding the South Raccoon River. Several small bridges in the area washed out along with considerable crop damage. Frequent winds of estimate to be over 75-80 mph damaged numerous farm buildings, windows, trees and downed power lines.	
Portions of North Central, Northeast and East Central Iowa	12	Early to late evening			0	0	6°	C		Severe thunderstorm (lightning)	
										Continued major outbreak of thunderstorms occurred throughout most counties in the area. Hail ranging to baseball size was common. In Kossuth County near Ledyard near baseball size hail fell for almost 20 minutes. In Franklin County a large aircraft hangar was destroyed along with \$100,000 damage to a food processing plant in Ackley of Hardin County.	

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					KILLED	INJURED	PROPERTY	CROPS	
IOWA (continued)									
Madison and Warren Counties	12	7:15 p	18	100	0	0	0	0	Funnel and Tornado First indicated by radar 2 miles west of Winterset, first sighted visually 2 miles north of Winterset moving ENE. Reported seen as funnel several times in east central Madison County. Warren County Sheriff Deputy sighted as tornado at 7:55 p. 2 miles north of Bevington crossing I-35 moving ENE. Last reported between Martinsdale and Prole in west central Warren County on ground about 5-10% of time. Little damage reported, mostly small field buildings and power lines.
Black Hawk and Buchanan Counties	12	7:30 p	?	300	0	2	4°	C	Tornado/Funnel Tornado first touched down 1 mile NE of Dewar in Black Hawk County moving NNE. Later touched down again 5½ miles north of Dunkerton destroying much of a farm complex. 2 small children were injured by flying glass as a result of debris being blown through windows. Golf ball size hail proceeded the storm throughout. A storm cell in the same line produced high winds in the Fairbanks area just south of the Fayette/Buchanan County line. Winds overturned an untied down mobile home causing about \$15,000 damage.
Madison, Dallas, Polk and Story Counties	12	5:45 p	40	100	0	0	4°	C	Tornado Tornado first sighted along railroad tracks 4 miles SSW of Booneville in NE Madison County moving north. Repeatedly touched down for a brief period of time. Tornado seen again just east of Waukegan in E Dallas County moving NNE. Sighted again just northwest of Grimes in NW Polk County moving NE. Tornado again touched down briefly at Polk City reportedly moving NE. Sighted by State Highway Patrol at 6:25 p. just west of Allaman moving ENE. Next sighted just south of Maxwell in Story County moving E. State trooper reported one tornado on the ground with a funnel not touching ground about ½ mile away. Last sighted 2SE of Maxwell. Tornado on ground only about 10-15% of time.
Portions of West Central and South-west and most of Central Iowa	13	Mid to late aftn			0	0	6°	C	Severe thunderstorm (Hail, wind) A second major outbreak of severe thunderstorms developed producing hail ranging upwards to baseball size, intense rains, and winds estimated to 80 mph. Considerable damage was reported to larger farm buildings, trees and power lines and crops. 6-7 inch rains in the Cass, west Pottawattamie, Guthrie, Montgomery and Adams County areas. Flash flooded many streams washing away several county bridges in Cass and Guthrie Counties and along the Nishnabotna River.
Much of Northeast and East Central Iowa	13	Late aftn and evening			0	0	5°	C	Severe thunderstorm (Wind, hail) The major outbreak of severe thunderstorms continued to produce heavy rains, hail up to baseball size and winds over 80 mph. Considerable damage was reported to larger farm buildings, trees, power lines and crops throughout counties in the area.
Dallas-Boone Counties	13	1:58 p	21.5	100	0	0	5°	C	Tornado Tornado first touched down 7 miles due south of Perry moving in a NE direction. At a position ¾ miles east of Perry the tornado turned due north and traveled ½ mile E and parallel to US Highway 169 to just south of Ogden where it dissipated.
Boone-Story Counties (several)	13	2:10 p	26	4-½	0	9	7	6	4 Tornadoes Tornado first observed as a cloud which appeared like a spinning underside of a saucer. Tornado formed (within seconds) and touched ground on east bank Des Moines River 4½ miles NNW of Madrid in Boone County. Tornado moved NE to about 1 mile north of Luther when it turned due north and went through middle of small hamlet of Jordan at 2:30 p. Tornado curved northwest then made a 110° right turn and moved due east to Boone-Story County line then moved northeast and lifted from the ground just on the outskirts of Story City at about 3:15 p. A second tornado formed from the same storm system at the junction of US 80 and State Highway 60 just after the larger tornado passed by. The second tornado made a nearly complete circle to the left first moving south then east then north passing about 2½ miles east of Jordan then dissipating 2 miles northeast of Jordan. A third tornado formed within minutes 3½ miles northeast of Jordan moved north then northwest about one mile then made a U-turn to the right of about 170° moved east about 1½ miles then dissipated. A fourth tornado formed within minutes about ½ mile west of Gilbert in Story County at about 2:50 p., moved NE about 3½ miles then dissipated. Damage to crops was estimated at \$1.2 million as 21,000 acres of corn and soybeans were destroyed. There were 2000 hogs, 500 head of cattle, 50 sheep and 6000 turkeys killed or severely injured. There were 23 homes destroyed, 40 severely damaged and 38 with moderate to light damage. 370 farm buildings of various types were either damaged or destroyed. About 1-2 inches of rain fell in a 15 to 20 minute period before the tornado and from 2-3 inches fell afterwards.

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
IOWA (continued)									
Cass-Audubon Counties	13	2:45 p	21	100	0	0	4	?	Tornado/Funnel (Cass County) area moving NE. Next reported in Brayton area of Audubon County and finally observed as a funnel at approximately 3:30 p. at Exira.
Black Hawk County	13	4:00 p	15	100	0	0	4	?	Tornado touched down at Washburn at 4:03 p. moving to the NNE. Tornado moved through Dewar and finally lifted from ground after destroying portions of a farm 1½ miles north of Dunkerton.
Palo Alto-Emmet Counties	14	6:05 p	30	33 1/3	0	0	3°	C	Tornado/Funnel observed by tornado spotter forming 1½ mile SW of Ruthven in Palo Alto County. Tornado touched down within seconds and moved NE skipping along the ground. Tornado passed approximately 2 miles west of Graettinger, just east of Gruver and near Dulliver in Emmet County. Tornado dissipated just NE of Dulliver.
Clarke County	14	9:15 p			0	0	4	?	Severe thunderstorm (Wind)
Cass County	14	9:25 p			0	0	0	0	Funnel south of Lewis.
Most of west half Iowa	26	Aftn-evening			0	0	6°	C	Severe thunderstorm (Wind, hail) A widespread outbreak of severe thunderstorms produced numerous funnel reports and one confirmed tornado at Minden. Reports of hail to around tennis to baseball size hail were common as were winds over 80 mph and measured report of 100 mph at the Estherville airport. Several mobile homes (untied down) were overturned.
Pottawattamie County	26	5:15 p	6	200	0	6	6	?	Tornado moving ENE. First touched down 3 miles WSW of Minden. Tornado went through main portion of town. 80 homes either severely damaged or destroyed. 2 churches and numerous businesses severely damaged. Tornado then moved eastward along Highway 93 and dissipated 2½ miles east of town.
Much of Central and Southeast third of Iowa	27	Late aftn-evening			0	0	5°	C	Severe thunderstorm (Wind, hail) A second continuous day of widespread thunderstorm activity. Numerous reports of unconfirmed funnel clouds. Thunderstorms produced hail to baseball size in numerous counties along with winds estimated over 80 mph. Damage reported to large farm buildings and crops. A couple of untied down mobile homes overturned.
11 Counties of Southeast Iowa	28	Early morning-evening			0	0	5°	C	Severe thunderstorm (Wind, hail) A third consecutive day of intense thunderstorms which again produced hail to baseball size and winds estimated to between 80-90 mph.
OHIO									
Franklin County	12	Afternoon			0	1	4	0	Severe Thunderstorm Thunderstorms with up to 2 inches of rain, severe lightning, and strong winds caused power outages, downed trees, and flooded streets and basements. Several lightning strikes and resultant fires were reported in Columbus and Upper Arlington. Lightning caused \$8,000 damage to one house and \$5,000 to another in Columbus. A man was injured when struck by lightning while cutting grass in Upper Arlington.
Clark, Champaign, Miami, Shelby Counties	18	7-10 PM			0	4	5	0	Severe Thunderstorms Thunderstorms with high winds lifted the roof from a hangar at the Mad River Airport causing \$90,000 damage. Winds also felled trees on a mobile home. In Woodstock the strong winds caused the ceiling of the Municipal Building to collapse on 46 Bingo players injuring 4 of them. In Houston strong winds and falling trees caused \$50,000 damage to a home.
Lexington, Morrow County	21	8:30 PM	**500	4	0	0	2	0	Tornado Mini Tornado touched down in a wooded area near a mobile home 4 miles west of Lexington. Several trees down in woods and minimal damage to mobile home.
Washington County	22	9:00 PM	4	*1	0	0	4	C	Hail and Rain A thunderstorm with heavy rain and hail caused extensive crop damage and \$20,000 damage to new campers. Hail covered the ground and accumulated up to 6 inches before melting.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

JUNE 1976

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
OHIO (continued) Clermont, Clinton, Warren Counties	24	6-8 PM	Short	Narrow	0	0	5	0	Tornado
	Mini Tornado touched down near Pleasant Plain in Warren County and Goshen in Clermont County and then again near Blanchester in Clinton County. In the Pleasant Plain-Goshen area at least 6 houses were damaged. \$20,000 damage occurred at one house which had most of the second floor taken off. A Farm sustained \$50,000 damage to buildings and some cattle were killed.								
Lake County	28	9-11 AM			0	1	4	0	Severe Thunderstorm
	A Thunderstorm with heavy rain and high winds downed many trees and flooded basements and streets. Winds knocked down a 15 foot wall under construction injuring a workman.								
Portsmouth, Scioto County	29	8-9 PM			0	3	4	0	Severe Thunderstorm
	A Thunderstorm with high wind and heavy rain struck Portsmouth during a Bicentennial Show and destroyed an outdoor sound stage injuring 3 men. Many trees were downed and several lightning strikes and resultant fires were reported.								

STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
THE FOLLOWING ARE LATE REPORTS, CORRECTIONS, AND DELETIONS:									
ALABAMA									
CORRECTIONS									
Oak Grove Community, Southeast Chilton County	12	10:50p	1/8	50	0	0	4	0	Tornado
Brief tornado touchdown with major damage to three homes. Ten large trees toppled and one barn destroyed by a falling tree.									
Fruitdale, Washington County	16	8:55a	1/16	50	0	0	4	0	Tornado
Small tornado touched down briefly destroying a vacant house, a small barn and tool shed.									
Catherine, Wilcox County	30	1:25p	1/4	50	0	0	4	0	Tornado
Tornado struck chipper mill installation just south of Catherine damaging the burner and the conveyor ramp.									
ALASKA									
LATE REPORTS									
JANUARY 1976 NONE REPORTED									
FEBRUARY 1976 NONE REPORTED									
MARCH 1976 NONE REPORTED									
MAY 1976 NONE REPORTED									
COLORADO									
LATE REPORTS									
Colorado Springs and Southeast Colorado	1	Midday to Evening			0	0	?		Wind and Dust Storm
Wind gusts were estimated at 76 MPH in the Broadmoor area near Colorado Springs and a number of vehicles were blown off roads with Highway I-25 closed from Colorado Springs to Pueblo. Wind gusts were estimated to 90 MPH at Rye, in southwestern Pueblo County, and 80 MPH at Walsenburg, in Huerfano County, with some damage to roofs and outbuildings and power lines. Gusts to 64 MPH were reported at La Junta Airport and pilots reported dust up to 14500 feet ASL in Otero, Bent and Prowers counties. Several 30 to 40 foot pine and spruce trees were uprooted and large plate glass windows shattered at Walsenburg, with I-25 closed north to Pueblo. Winds in Huerfano County were often clocked at 90 to 95 MPH.									
Huerfano County	2	Daytime			0	0	?		Wind
Winds ranged from 70 to 80 MPH with I-25 closed to semi-trucks, campers and trailers. Power and cablevision lines broken again.									
Alamosa County	2	Daytime			0	0	?		Wind
Wind 52 MPH at Alamosa Airport, reached much higher speeds in the surrounding area with damage to television translators on San Antonio Mountain causing television outages.									
Southwest Colorado Mountains	2	Early morning to afternoon							Blizzard and Heavy Snow
Blizzard conditions reported at Monarch Pass around midday. Wolf Creek Pass closed with 3 feet of snowfall by afternoon. Red Mountain Pass had more than 2 feet of snowfall by afternoon.									
Eastern Foothills and Higher Plains	3,4	Midday to Midday			0	1	?		Heavy Snow
6 inches of snowfall in Weld County, 9 inches in Boulder County, 5 1/2 inches in Morgan County where 21 auto accidents and 1 injury occurred. Pueblo metropolitan area received 8.3 inches of snowfall with slightly higher amounts at Rye and the surrounding foothills, and there were about 55 minor auto accidents as many schools were closed.									
COLORADO (continued)									
LATE REPORTS									
Eastern Foothills and High Plains	19	Morning-Late Eve			0	0	?		High Winds
Wind 70 to 75, with gusts to 100 MPH, were estimated in the Loveland and Fort Collins areas where blowing dust caused an 18-car traffic jam which partially closed I-25 highway. Some trees were uprooted and a 4-car accident due to wind occurred on US 34 between Loveland and Greeley. A mobile home was blown off its trailer and demolished. Another mobile home was unroofed near La Porte. Denver & Colorado Springs recorded wind to 55 MPH, but a gust of 101 MPH was reported at Air Force Academy at 9:20 p.m. 16 miles northwest of Fort Morgan a barn roof was blown into 2 power line poles, snapping them, then landing on a car. At Loveland a pre-stressed concrete roof blew over onto parked cars with damage 8 to 10 thousand dollars. Gusts up to 86 MPH were reported at Walsenburg in Huerfano County at midday and some windows blew out of the County Courthouse. Radio, television were interrupted. Camper and trailer traffic was halted on a number of highways and Interstate 25 was closed from Pueblo to Walsenburg until late afternoon. At Buena Vista, in Central Colorado, high winds moved several mobile homes off their foundations; collapsed a garage and destroyed a quonset hut.									
Southeast Colorado	25	Midday to Late Eve			0	0	?		High Winds
Winds raked over the Southeast again, causing minor property damage and some power outages. Wind gusts of 55 to 70 MPH were frequent. Near Rye, southwest Pueblo County, a whirlwind picked up a 15-foot camping trailer and turned it around without damage, but blew shingles off some roofs.									
CORRECTIONS									
Ault (Weld Co.)	29	1430			0	0	?	?	3 Tornadoes
Public reported at least 3 separate tornadoes 10 miles east of Ault (15 miles north of Greeley)									
Towner (Kiowa Co.)	29	1520			0	0	?	?	2 Tornadoes
Probably 2 separate tornadoes observed 10 to 15 miles south of Towner (30 miles NE of Lamar). No damage reported.									
Weld, Morgan, Logan, Washington Counties	29	1330 to 1530			0	0	?	?	3 Tornadoes
Probably 3 tornadoes observed in vicinity of Highway 14 between Fort Collins and Sterling, Colorado. No damage reported.									
Denver	30	1240	6	70	0	0	?	C	Tornado
Tornado observed and photographed NE of Stapleton Airport. It touched down near 59th and Tower Road (15 miles NE of Denver) and was on ground 20 minutes. It demolished a 60-foot long cinderblock cow shed, tore end out of machinery shed, tore shingles off roof of farmhouse nearby and felled 12 trees on the Robert Matschke farm. Boy in feed shed 20 feet from destroyed building was not injured.									
FLORIDA									
LATE REPORTS									
CRYSTAL RIVER, CITRUS CO.	31	11 AM EST	0.5	10	0	0	3	0	TORNADO
A SMALL TORNADO TOUCHED DOWN BRIEFLY ALONG THE RIVER FRONT IN CRYSTAL RIVER DAMAGING THE ROOFS OF COVERED BOAT SLIPS AND SEVERAL BOATS. DAMAGE WAS ESTIMATED \$3000.									
CORRECTIONS									
PANAMA CITY, BAY CO.	26	930 AM CST	0.1	10	0	0	3	0	WATERSPOUT-TORNADO
A SMALL WATERSPOUT MOVED ASHORE AT THE PANAMA CITY MARINA SHATTERING A NUMBER OF WINDOWS IN BUSINESS HOUSES AND DAMAGED 2 BIG DOORS OF A LARGE RESTAURANT. DAMAGE WAS AROUND \$2000.									
HAWAII									
LATE REPORTS									
Off Waimanalo, Oahu	27	8:30a.							Waterspout

STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
HAWAII (continued)									
LATE REPORTS									
15 mi. SW of Hilo Airport, Hawaii	29	1:03p-1:06p							Funnel cloud
Funnel cloud extended down 200 ft. from cumulus cloud (base 1800 ft., tops 9,000 ft.). Overcast and showers in vicinity.									
ILLINOIS									
LATE REPORTS									
Thomson	26	5:10pm			0	0	0		Hail
A severe thunderstorm with three-quarter inch hail was reported at Thomson at 5:10pm.									
Quincy to Bushnell	26	6:30-8:00pm			0	0	4	0	Thunderstorms, funnel clouds, wind hail
Thunderstorms with strong winds, hail, and some funnel clouds moved into Illinois in the early evening. A mobile home was destroyed in the Columbus area northeast of Quincy about 6:30pm as thunderstorm-driven winds ripped it from its foundation. Winds at Quincy's Baldwin Field gusted to 55mph during the height of the storm. Quincy itself escaped major damage; some power lines were downed. Reports of small hail were numerous as the storms moved northeast; hail fell at Lima, Ursa, Augusta, and Bowen about 7:00pm. Golf ball size hail fell at Plymouth about 7:15pm as winds gusted to 45mph. Hail three-quarter inch in diameter was also reported at 7:15pm at Colmar. Hail up to one and one half inch was reported near Bushnell and near Macomb about 7:30pm. Civil defense spotters sighted a funnel cloud two miles southeast of Macomb at 7:33pm. One inch hail was reported at West Point at 7:58pm.									
Astoria to Wenona	26	7:30-9:30pm			0	5	5	0	Thunderstorms, funnel clouds, wind
Thunderstorms marched across the central portion of the state during the evening hours. A funnel cloud was seen stretching to within forty feet of the ground three miles northwest of Astoria at 7:49pm. A funnel cloud was also sighted southwest of Lewistown at 8:10pm. Persons in Havana reported seeing a funnel cloud and hearing a roar as the storm approached. High winds overturned a car twelve miles south of Havana at 8:31pm. Funnel clouds were also sighted at Manito about 8:32pm and at Monterey at 8:45pm. Wind damage to roofs and several homes was noted in Pekin as the storm passed. High winds damaged several mobile homes near Creve Coeur about 9:00pm; one person suffered a broken leg when his mobile home was overturned; some trees were also uprooted. Winds lashed the Hanesler-Sheridan and Junction City neighborhoods of Peoria about 9:05pm leaving downed power lines and trees, demolished garages, and shattered glass. Damaging winds struck Tremont at 9:10pm. In the Groveland area winds damaged some homes and garages about 9:10pm. Roof damage occurred to several homes in Germantown Hills. A mobile home was destroyed just west of Metamora at 9:20pm injuring four occupants. Some barns were damaged in the rural areas east of town. Barns were also damaged or flattened north of Washburn. At 9:30pm two structure west of Wenona were damaged by strong winds.									
Morton	26	9:05pm	1 1/2	600	0	0	5	0	Tornado
A tornado caused extensive damage to several buildings in the northwest portion of Morton. Several buildings had large sections of roof torn off. Several farm gravity wagon boxes were overturned or blown onto adjacent property as far as four hundred feet away as the tornado travelled northeast.									
Bureka	26	9:30pm	1/2	7	0	0	5	0	Tornado
A thick, straight-columned tornado struck a portion of Bureka late in the evening. Roofs and windows were damaged on a number of homes. Several trees were uprooted or snapped. The roof of a home was lifted and carried to the next block; the walls of the house were bowed outward.									
1/2 N Carlinville	26	10:30pm			0	0	5	0	Wind
High winds during a storm destroyed a warehouse which was under construction. The walls were pushed in and the roof collapsed.									
INDIANA									
LATE REPORTS									
Kingman, Fountain County	16	6:30 p	**100	30	0	0	3	C	Tornado
The tornado demolished a tin implement shed, a pole shed and an elevator. A tractor and loader in the implement shed were extensively damaged. A wooden barn roof and car were damaged. Several trees and utilities were blown down.									

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
INDIANA (continued)									
LATE REPORTS									
Hammond, Lake County	3	9:00 p	2	100	0	0	4	0	Tornado, Rain
Tornado took roof off Howard Johnson Motel. Heavy rains following the tornado damaged the interior of the motel.									
Kentland-Rensselaer Newton and Jasper Counties	12	2:30 p	20	80	0	0	0	0	Tornado
Tornado observed by the public near Kentland moving towards the northeast. The tornado was next sighted by motorist on I-65. Final sighting of this storm was in the vicinity of Rensselaer. No damage or injuries reported.									
KANSAS									
CORRECTIONS									
Scott and Lane Counties	23	6:20 p	25	440	0	0	3	-	Tornado
Tornado was on the ground for nearly an hour moving across open country from 12 miles southeast of Scott City east-northeastward to 5 miles south-southeast of Dighton. Only minor damage to farm buildings and utility lines was reported.									
MAINE									
LATE REPORTS									
Northern-Central	2-4							6	Heavy rain
Heavy rains, from 1 to 3 inches, combined with extensive snow melt and run off. Swollen rivers and streams complicated by ice jams spilled over their banks in many areas. Hardest hit were Washburn, Ft. Fairfield, and Masardis along the St. John River, and Grand Isle, Lille, and Keegan along the Arrostook River. Some of these areas reported the worst flooding since 1953. Property damages were estimated in excess of one million dollars. Flooding was also reported along the Penobscot and Kennebec Rivers but earlier ice cuts along these rivers reduced the affects of the flooding.									
Mechanic Falls, Androscoggin County	9	Aftn					1	4	Wind
Wind damage in trailer park. 18-Month old girl suffered facial abrasions from windblown debris.									
Ashland, Arrostook County	19	4 pm						3	Wind
Winds were estimated 70 mph. Damage to trees and power lines.									
Skowhagan, Somerset County	19	3 pm						3	Wind
Trees and power lines were blown down.									
York Beach, York County	21	Aftn						4	Lightning
House destroyed by fire believed to be caused from lightning.									
MARYLAND & D.C.									
LATE REPORTS									
Chesapeake Bay	22-25				0	0	0	0	Cold water temperatures
Cold-related fish kill resulted in the highest mortality of fish, during a winter month, that area marine biologists could recall. Up to 10 million fish, mostly of the variety known as 'spot' were washed up on shores or found floating in the Bay. Kill was attributed to the fact that, due to an unusually warm Fall, fish failed to migrate. A very cold air mass moved across the mid Atlantic region prior to the occurrence. Water temperatures were measured as low as 2 degrees C. This was below the critical temperature of 2.2 degrees and 3.3 degrees, respectively, for large and small varieties.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE	CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS			
MICHIGAN											
LATE REPORTS											
Area bounded by Shelby & Pinconning on the N. & Holland, DeWitt & Grosse Pte. on the S.	2-3	all day	MARCH 1976		0	0	7	C		Ice storm	
A 28-county area was affected by 1/2 to 3/4 inch accumulation of ice. With an area 70 miles either side of a Cedar Springs-Marlette line was hardest hit with over 1 1/2 inches of clear ice. Massive power outages occurred in the latter area with thousands of rural and suburban homes and farms without power, water, heat or phone service for over a week. Individuals and businesses lost freezers of frozen foods and goods as power stayed out for long periods. Hundreds of people were forced from their cold homes seeking shelter in motels, civil defense shelters and homes of friends. Many buildings & factory roofs collapsed due to the weight of the ice as gutters and downspouts became clogged. Tree damage was almost total with many communities reporting every tree in town damaged or destroyed. Many trees fell on lines, homes, businesses and cars causing damage throughout the 28-county area. Power companies lost an estimated 4 million feet of power lines, 2700 poles and 15,000 cross arms to the storm. Some power systems in the Thumb Area had to be completely rebuilt from scratch. In all some 600,000 homes were without power at one time or another including major portions of Detroit's northern and eastern suburbs. Fruit growers throughout the 28-county area suffered as whole orchards of fruit trees were damaged. The storm was the worst ice storm in the 73-year history of one major power company and the worst in the recorded history of Saginaw, a city of 90,000 people that lost 90% of its electric service.											
Lower Peninsula	3-5	evening-morning			0	0	5			Flash flood	
Over two thousand homes reported flooded basements. 100 suffered damage to appliances and furnaces. Many roads and a few expressways were flooded or washed out. Branch, Ottawa, Newaygo Counties hardest hit. Dorm flooded Ferris State College, Big Rapids. Driving range flooded, Muskegon. Radio transmitter site flooded taking station off the air, Oscoda Co. Heaviest basement flooding occurred in Tuscola, Ottawa, and suburban Oakland & Saginaw Counties where power to sump pumps was out. Muskegon received over 5 1/2 inches of rain in five days of which 1.75 inch fell the night of the 4th.											
Berrien & Van Buren Cos.	4	10pEST	43	100	0	9	5	C		Tornado	
Touched down just south of Stevensville and cut a narrow path of almost total tree and orchard damage north-eastward to NE of Paw Paw. Tornado snapped off two power poles and a TV transmitter tower and damaged three homes south of Stevensville. Roofs on one home carried 150 feet. It then heavily damaged 13 mobile homes near Sodus. All 9 injuries occurred in the mobile homes. Two people had serious puncture wounds with objects driven into their bodies. A migrant camp, a school, 1 home, 1 trailer, a barn and a garage were either damaged or destroyed along path through Van Buren County. Funnel cloud sighted at I-94 south of Stevensville and again by residents of mobile homes.											
An area north of a Shelby-Mt. Pleasant-Pinconning line	4-5	evening & morning			0	0	5	C		Ice storm	
Area hit with 1/4 to 1/2 inch of ice accumulation and strong winds. Tree branches knocked power lines down and blocked roads. 40,000 customers without power. Mecosta, Grand Traverse, Oceana, Oshtemo, Clare, northern Gladwin, and southern Ogemaw counties hardest hit with some areas experiencing 50% power outage. Minor damage reported to cars and homes. Heavy damage to cherry trees Oceana County, and state forests in the Cadillac area.											

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE	CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS			
MICHIGAN (continued)											
LATE REPORTS											
An area south of a Muskegon-Standish Line	5	early morning thru afternoon	MARCH 1976		0	3	5			Winds	
Wind driven waves flooded a dozen homes and residential streets along the eastern shore of Anchor Bay and western shore of Harsens Island, St. Clair County. Roof ripped off paper company injuring a worker at Port Huron. Two other injured by flying glass and a plywood plank at Adrian. Considerable damage was done area wide to trees and power lines, causing thousands of power outages. Scattered damage was done to signs, TV antennas and windows in Holland, Coldwater, Albion, Hastings and Grand Rapids and South Haven. A trailer house and barn were destroyed in Port Huron and two semi-trailers blown off road and destroyed in the St. Clair area. House trailer damaged at Ionia and a construction crane blown over at Midland. Falling trees did damage to property in Morenci and Niles. Winds were reported in Lower Michigan at between 40 and 60 mph.											
Ashland Township; Newaygo Co.	10	1.30aEDT			0	0	4			Lightning	
Barn hit by lightning. Barn and contents destroyed.											
An area S. of Grand Haven & Mt. Pleasant & W. of Alma, Owosso & Adrian	12	afternoon			0	1	4			Thunderstorms	
Mobile home and barn flattened and another barn lost roof at Trufant in Montcalm Co. Winds blew trees on power lines causing power outages at Waldron and Osseo in Hillsdale County. 3 barns, 2 homes and three cars damaged east of Camden in Hillsdale County. Wall blown over on worker, sturges area, and garage damaged at Allendale in Ottawa Co. Tornadoes, funnel clouds listed below were part of this storm.											
1 N Three Oaks; Berrien Co.	12	3.30pEST	11	60	0	0	4			Tornado	
Touched down 2 miles southeast of New Buffalo, proceeded NE going 1 mile NE of Three Oaks then lifting off 5 miles NE of town. Heavily damaged trees and power lines N. of Highway 12 and N. of Three Oaks.											
Paw River; St. Joseph Co. Branch Co.	12	4.15pEST	8	5	0	0	4			Tornado	
Crossed into state from Howe, Indiana going southeast of Paw River, lifted off 5 miles south of Bronson. Damaged a house trailer near Paw River and flattened two barns and some trees southwest of Bronson in Branch Co.											
1 N Holland; Ottawa Co. to just N. of Hudsonville	12	4.19pEST	12	85	0	1	5			Tornado	
Touched down on Lakewood Blvd; in Holland and skipped partly aloft ENE along and N. of Highway 21 to Hudsonville. Roof lifted off buildings and thrown into three houses across the street, damaging them. Windows blown out of a department store injuring worker. Two garages destroyed, debris carried across open field. 4 other garages damaged or destroyed, one large chicken coop destroyed and barn and silo damaged. Windows blown out of an apartment building near the end of the track. Heavily damaged power poles and lines in same general area with 4,000 customers without lights.											
Comstock; Kalamazoo Co.	12	4.50pEST	2.5	50	0	0	4			Tornado	
Two homes, three garages and two house trailers damaged along a line from Morrow Pond to the intersection of 33d and east Main in the town of Comstock. Trees were also down in the same area.											
Prattville; Hillsdale Co. to Lenawee Co.	12	5.05p	3	85	0	0	5			Tornado	
Track beginning N. of Prattville extending NE to 2 miles S. of Hudson. Home damaged and a barn and contents destroyed. Another barn ripped away from foundation. A light pole was driven through the wall of the damaged house. Two outbuildings and a silo heavily damaged in the same general area.											
2W Moscow; Hillsdale Co. to 4 miles ESE Hanover; Jackson Co.	12	5.40p	7	150	0	0	5			Tornado	
Touched down W. of Moscow on Highway 112 and proceeded NE across Farewell Lake lifting off at the E. end of Round Lake. Two barns and four garages destroyed and 19 homes and 11 barns damaged Farewell Lake area. Many trees and some power lines down Hanover area. Two barns damaged-one destroyed W. and N. of Moscow.											

STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED ¹ DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
MICHIGAN (continued)									
LATE REPORTS									
2NE Napoleon; Jackson Co.	12	5.50pEST	2	95	0	0	5		Tornado
Touched down SW of Little Wolf Lake and moved NE across the lake then lifted off 3 miles S. of the town of Grass Lake. 15 homes damaged, 1 barn destroyed, several garages destroyed along with a chicken coop. Heavy tree damage in the same general area with many large trees flattened.									
2NE Camden; Hillsdale Co.	12	afternoon							Funnel cloud
An area S. Traverse City & East Tawas	20	3p-9pEST			0	0	6		Thunderstorms
Two auto dealerships damaged extensively. Ostego, Plainwell area. 4 mobile homes blown off foundations and semi-trailer truck blown over same area. Two house trailers blown over, one at Cochman and another near Charlotte. Pickup truck blown off road south of Kellogg. Clubhouse extensively damaged Sagetown in Tuscola County. Barn and garage destroyed and two homes damaged near Elba in Leapeer County. Trailer destroyed at Goodrich in Genesee County. Significant damage to trees and lines and minor damage to buildings also occurred in Berrien, Kalamazoo, Shiawassee, Gladwin, Cass, Barry and southern Eaton Counties. Convective gusts of 70 mph recorded at Kalamazoo Apt and at Grand Rapids. Tornadoes, funnel clouds and lightning listed below were part of this storm.									
2S Marshall; Calhoun Co. to 2N Marengo	20	4.20pEST	6	35	0	0	2		Tornado
Touched down at Hughes and South Marshall streets, tornado blowing but windows in a service station. It then proceeded north-eastward uprooting trees and downing power lines. Tree damage was extensive at a golf course and at a fairgrounds. It flattened a barn in the 20-mile road and Michigan Avenue area before lifting just north of I-94.									
3SE Ionia; Ionia Co.	20	4.30pEST	11	50	0	0	4		Tornado
Cut a 11-mile swath south and southeast of Ionia. Completely destroyed a mobile home and scattered its contents across a field. Destroyed two farm outbuildings and tore the cap off a silo.									
6ESE Eaton Rapids; to 2S Williamston; Ingham Co.	20	4.50p	20	90	0	0	5		Tornado
Touched down in a rural area just west of the Ingham County line and proceeded northeastward through a farming area. Destroyed two barns and damaged two homes west of Mason. Heavy damage to trees and power lines caused the closing of a major highway west of Mason. It then damaged a barn north of Mason and ripped a roof off a business south of Williamston where it lifted. Trees were knocked down all along the latter part of its route.									
West Bloomfield; Oakland Co.	20	7.15pEST	5	115	1	55	7		Tornado
Touched down in a creek bed just west of small residential area and proceeded northeast to a major business intersection and then through another large residential street complex. In the residential areas, it damaged 91 homes, 35 heavily. Six homes were totally destroyed. 3 business buildings destroyed and 20 damaged at the intersection. It then lifted off at the edge of Walnut Lake after destroying a garage near the water's edge. The only death occurred in a car that was thrown from the business intersection landing upside down. Most injuries were in the intersection where a dozen cars were lifted into the air and where large amounts of debris were thrown through windows of busy restaurants and gas stations.									
1E Macomb; Macomb Co. to 5NW Richmond	20	7.40pEST	16	100	1	2	6		Tornado
Touched down just east of the small town of Macomb and proceeded north-eastward through a rural farming area before lifting off 5 miles north of Richmond. All injuries and one death occurred in a single story frame house just outside Richmond that was completely destroyed. Along the course, it damaged or destroyed 6 other homes, 4 barns, 10 outbuildings, a clubhouse, an aircraft hangar, and two steel high-tension line towers. Tree and power line damage was extensive all around the route.									

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
MICHIGAN (continued)									
LATE REPORTS									
3S Banfield; Banny Co.	20	4.20pEST	MARCH 1976						Funnel cloud
		Reported by citizen to Springfield police.							
Whitecloud; Newaygo Co.	20	2.30pEST							Funnel cloud
		Reported by cooperative observer.							
Holland; Ottawa Co.	20	3.20pEDT			0	0	4		Lightning
		Struck an apartment building setting it afire.							
Howardsville; Cass Co.	20	afternoon			0	0	0		Hail
	1	3/4 inch hail for short period - no damage reported							
Sherman Township; St. Joseph Co.	20	afternoon			0	0	0		Hail
		Two areas of golfball size hail fell in rural farming area without causing any significant damage.							
Stevensville; Berrien Co.	20	3.28p			0	0	0		Hail
		1 inch hail fell for over 5 minutes in a rural farming area without causing any significant damage.							
Stanton; Montcalm Co.	20	afternoon			0	0	0		Hail
		3/4 inch hail reported. No significant damages.							
Glen Arbor, Leelanau Cos. & Mt. Clemens, Macomb Co.	24	afternoon			0	0	5		Winds
		Partially completed building destroyed at Mr. Clemens. Ice blown ashore by winds pushed a cottage over and crushed in one wall. Ice also did heavy damage to several boats and shoreline trees. Glen Lake area, Leelanau County.							
An area east & south of Jackson & Flint	27	noon & afternoon			0	0	5		Winds
		6 airplanes damaged at Pontiac Apt. Heavy damage to roofs of two business buildings at Walled Lake. House trailer blown over White Lake. Apartment house damaged at Ann Arbor. Scattered sign and window breakage throughout this area. 18,000 customers without lights due to fallen trees and lines. Hardest hit areas in Oakland and Lapeer Counties. Pontiac Apt reported 70 mph gust at 11.30a.m. EST.							
Area N. of Big Rapids & Fenton; E. of Houghton Lake & S. of Alpena	30	noon to 6p.			0	0	5		Thunderstorms
		Camper blown off a truck bed northeast of Baryton. Farm machinery damaged and a few trees down in the same general area. Scattered tree and line damage reported in Isabella, Clare, Roscommon and Shiawassee Counties. 50 mph winds reported in Owosso area.							
SSW Alger; Gladwin Co. to 4SE Rose City; Ogemaw Co.	30	2.10p	13	100	0	10	5	C	Tornado
		Touched down in Tittabawassee National Forest in NE Gladwin Co. where it destroyed over two thousand trees. It then crossed I-75 in the Greenwood area blowing several vehicles off the road. Four people were injured in one of these vehicles. It then proceeded north up Peach Lake Road damaging one home and completely flattening another home and a store. Curving more eastward, it moved east of Peach Lake damaging 10 more homes and passing west of a school before lifting. Funnel seen by a home owner.							
6N Prescott Ogemaw Co. to 1 N South Branch Iosco Co.	30				1	7	5		Tornado
		Touched down about a mile S. of Michigan Highway 55 destroying a township hall and two barns then proceeded northward along Sage Lake Road to the eastern edge of Sage Lake where 35 homes, cabins and cottages were destroyed or damaged. The fatality occurred in a single-story frame house that separated from its concrete block basement and was carried 200 feet with the owner still inside then dropped in a field. The tornado continued north to Laird Lake, then lifted. It touched down again south of Dollar Lake going three miles north to the town of South Branch where it damaged roofs of two homes and severely damaged a service station.							
5NE Glennie; Alcona Co. to 2 1/2 miles S; Barton City	30	3.20pEST	6	400	0	0	0	C	Tornado
		Touched down in wooded area and cut 1/4 mile swath for 6 miles through timber.							

STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

MICHIGAN (continued)									
LATE REPORTS									
4WSW Hale; Iosco Co.	30	3pEST	2.5	85	0	0	4		Tornado
Touched down south of Londo Lake, then proceeded north blocking roads with trees west of Hale. It then crossed Little Long Lake and Long Lake where several cabins roofs were damaged and a boat house destroyed. Lifted just north of Long Lake.									
10E Big Rapids; Mecosta Co.	30	1.10p							Funnel cloud
Reported by Mecosta County Sheriff.									
30 miles Evant Area; Osceola Co.	30	afternoon			0	0	0		Hail
Golfball size hail reported by sheriff - no significant damage was reported.									
Near St. Helen; Roscommon Co.	30	3.pEST			0	0	0		Hail
1 inch hail reported covering the ground. No significant damage done.									
4SW Meredity; Clare Co.	30	1.40pEST	2	60	0	0	4		Tornado
Touched down 1 mile north of the Cedar River moving north to northeast. It crossed Arnold Road destroying a garage and damaged a home, then it crossed Athey Road destroying a house trailer before lifting.									

MISSISSIPPI									
LATE REPORTS									
Warren to Attala County	2	8:30 AM - 10:45 AM	69	100-200	0	3	5°	C	Tornado
Four houses and a church destroyed, houses unroofed, numerous barns and out buildings damaged or destroyed. Extensive timber and utility damage in Madison County.									
DELETE									
Warren County	2	After 8:30 AM	?	?	0	0	3	0	Tornado
Warren County	2	9-9:15 AM	?	?	0	0	4	0	Tornado
Madison County	2	9:35-11 A	60	100-200	0	3	5°	C	Tornado
Attala & Leake Counties	2	10:20 - 10:45 AM	9	?	0	0	4	0	Tornado

LATE REPORTS									
3 N Eupora, Webster County to Hatley, Monroe County	26	1:30 - 2:20 PM	51	?	0	5	6	C	Tornado
3 mobile homes, 10 houses, 1 church destroyed, 20 houses damaged, 20 ears damaged, school unroofed, heavy damage to a bank, damage to barns and other buildings.									
DeSoto County	27	12:35 - 12:50 PM (a)				76			4 Tornadoes
Include the NE Tunica County tornado at 12:45 PM with the DeSoto County tornado (a). Add brief touchdown 15 west of Hernando, damaging a mobile home. Change number of injured from 75 to 76.									
Neshoba County	27	2:00 PM	?	?	0	0	?	?	Tornado
Barn destroyed, damage to houses, and some power lines down.									
DELETE									
Clay County (2)	26	1:15 - 1:30 PM	3	?	0	3	5°	C	Tornado
Webster County (2)	26	1:30 PM	4	?	0	0	4	0	Tornado
Attala & Monroe County	26	2:20 PM	?	?	0	1	6	0	Tornado
Monroe County	26	2:20 - 2:30 PM	8	?	0	1	4°	C	Tornado

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

MISSISSIPPI (continued)									
DELETE									
DeSoto County	27	12:35-12:50 PM	(a)			75			3 Tornadoes
Tunica County	27	12:45 PM	?	?	0	1	3	0	Tornado
15 West of Hernando									
Neshoba County	27	1:30 PM	?	?	0	0	?	?	Tornado
Neshoba County	27	2:00 PM	?	?	0	0	?	?	Tornado

LATE REPORTS									
Greenville to near Napanee, Washington County	4	12:45 - 1:15 AM	10	30	0	6	4	0	Tornado
Tornado first touched down in Greenville Mill 4 metal buildings destroyed, signs & buildings damaged. Touched down again 2 miles W of U.S. 61 near Shell Lake destroying a house and damaging a barn, a cotton picker, and a car.									
DELETE									
Greenville, Washington County	4	12:45 AM	?	?	0	0	4	0	Tornado
Near Napanee, Washington County	4	1:15 AM	**50	30	0	6	4	0	Tornado

CORRECTIONS									
Hattiesburg, Forrest County	7	11:10 AM					7		Hail/Wind/Rain
NEBRASKA									
CORRECTIONS									
Thayer County	14	3 PM	5	100	0	0	5	0	Tornado
A tornado touched down in Kansas 1 mile south and 2 miles west of Chester, Nebraska which moved northeastward across the stateline and lifted 4 miles northeast of Chester, Nebraska. Extensive damage to farm buildings and equipment along with power lines.									

NEVADA									
LATE REPORTS									
NONE REPORTED									
NEW HAMPSHIRE									
LATE REPORTS									
NONE REPORTED									
Durham, Strafford County	3	1:53 pm	1				5		Tornado
Wind damage on University of New Hampshire campus. Tornado touched down 4 miles East of Durham. Traveled 1 mile and dissipated. Route Road area of Dover Point sustained damage to trees, buildings, boats, power lines.									
Loudon, Merrimack County	3	Aftn					4		Lightning
House destroyed.									
Claremont, Sullivan County	3	Aftn					3		Wind
Trailer damaged.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

NEW JERSEY LATE REPORTS

JANUARY 1976									
Central and Southeast	7	7a - 10a			0	0	0	0	Ice
Freezing rain over the Central and Southeast sections of the state resulted in about 200 auto accidents of which one in Union Township resulted in one fatality. Many schools were closed as a precautionary measure.									
Central and North	11	6p - 12p			0	0	0	0	Snow
One to two inches of snowfall over the Central sections and 4 to 6 inches in the north portion of the state resulted in several minor traffic accidents.									
Central and North	20	9a - 3p			0	0	0	0	Snow
One inch of snow in Central New Jersey and up to 4 inches in northern sections caused no major problems.									

MARCH 1976
NONE REPORTED

APRIL 1976
NONE REPORTED

NEW MEXICO CORRECTIONS

JULY 1975									
10 MILES NE OF COLUMBUS, LUNA COUNTY	18	4:15 P.	9	?	0	0	0	0	TORNADO 021
FIVE ADULTS WITNESSED TORNADO FORM AND TRAVEL 8 TO 10 MILES ACROSS OPEN RANGELAND BEFORE DISSIPATING.									

NEW YORK COASTAL LATE REPORTS

JANUARY 1976									
Area	11	3a - 12p			0	0	0	0	Snow
Only two inches of snow fell on New York City, but to the north and east measurements of 4 to 6 inches were reported. There were no major problems due to the snow storm.									
Area	13-14	11a-12p			0	0	?	0	Wind
Northwest winds with strong gusts began to develop during the afternoon hours, increasing in strength during the night. The Central Park observing station had a peak gust of 47 mph. Numerous trees and utility wires were damaged.									

MARCH 1976
NONE REPORTED

APRIL 1976
NONE REPORTED

NORTH CAROLINA LATE REPORTS

JANUARY 1976									
Avery County	3	Overnite			1				Cold Temperatures
A man died from exposure in the Grandfather Mt. area after getting lost on a camping trip.									
Foothills and Piedmont Areas	7	Morning Hours			3	15+	5		Freezing Rain
Freezing rain from midnight to 10AM caused between 300 and 350 car accidents killing 3 persons and injuring over 15 people. Schools were delayed in opening or closed for the day. Trees and power lines were down in many areas.									
Wake and Sampson Counties	7	5-7PM					4		Wind Storm
Strong winds damaged trees, signs and several buildings near Zebulon and Clinton.									

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	

SOUTH DAKOTA CORRECTIONS

APRIL 1976									
Custer County	27	All Day	-	-	-	-	-	-	Heavy Snow
Heavy snow of from twenty four to twenty six inches fell in the Black Hills portion of Custer County. Roads were slippery and snow packed but no serious accidents resulted.									

TEXAS NORTHERN LATE REPORTS

JANUARY 1976									
Alazan, Nacogdoches County	25	2:10 a	?	?	0	0	4	0	Tornado
A small tornado, described as a "big roar," destroyed a hay barn and damaged three poultry houses.									

TEXAS SOUTHERN LATE REPORTS

APRIL 1976									
KINGSVILLE Kleberg County	4	1000-1700	-	-	0	0	5	0	Heavy rains
Rains up to 6 inches flooded streets and knocked out half of the city's phone service. Rains were helpful to agricultural interests since drought conditions were beginning to develop in the area. Other heavy rainfall amounts occurred in the coastal bend area.									

LOCKHART Caldwell County	4	1530	-	-	0	0	0	2	Hail
Public reported 3/4 inch hail 3 miles west of Lockhart. No major damage.									

DRIPPING SPRINGS BUDA, & SAN MARCOS Hays County	7	1633-1900	-	-	0	0	6	5	Hailstorm
Marble size to golfball size hail fell over the eastern half of Hays County covering the ground to a depth of 5 inches in places. US 290 was closed to traffic for 1 hour.									

LOCKHART Caldwell County	7	1655	-	-	0	0	5	5	Hailstorm
Marble to golfball size hail covering ground to 4 inches around Lockhart. Damage was done to roofs, windows, and automobiles.									

LOCKHART Caldwell County	7	1730	1/10	5	0	0	0	2	Tornado
5 miles northeast Lockhart. Touched down briefly in open field and moved northeastward. Reported by sheriff.									

BURNET Burnet County	7	1740-1800	-	-	0	0	6	5	Hailstorm
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Golfball to baseball size hail damaged powerlines, windows, autos, and roofs. Crop damage was to pecan trees. Greatest depth was 4 inches. Storm moved from NW to SE.									
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CUERO DeWitt County	7	1847-2110	-	-	0	0	5	5	Hailstorm
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Several thunderstorms moving southeastward produced pea-size to golfball size hail over eastern portions of DeWitt County with the hardest hit area in and around Cuero. Numerous windows, roofs, vehicles, and crops sustained damage.									
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SAN ANTONIO Bexar County	7	1929-2015	-	-	0	0	5	?	Wind and Hailstorm
A severe thunderstorm producing wind gusts to 50 knots and pea-size to golfball size hail moved across San Antonio. Some minor flooding in the downtown area was reported due to hail clogged drainage ditches. Wind knocked down tree limbs causing power outages for several hours and a downtown office building was damaged by flying debris. Wind damage estimated to be near \$50,000 with hail damage near \$25,000.									

STORM DATA AND UNUSUAL WEATHER PHENOMENA

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					KILLED	INJURED	PROPERTY	CROPS		

TEXAS (continued) SOUTHERN LATE REPORTS APRIL 1976										
NURSERY Victoria County	7	2015-2030	-	-	0	0	5	?		Windstorm
Several communities in NW Victoria County reported wind damage to trees and roofs.										
Bandera County	7	2120-2130	-	-	0	0	?	?		Hail
A severe thunderstorm moving southward between Vanderpool and Bandera produced marble size to tennis ball size hail. No major damage was reported since the hail fell in a sparsely populated area of the county.										
ARANSAS PASS Aransas County	7	2220	-	-	0	0	?	?		Hail
1/2 to 3/4 inch hail covered ground. Small hail was reported in adjacent counties with thunderstorm passage.										
60 ENE Corpus Christi GULF MEXICO	15	2000-2130	-	-	13	?	?	?	0	Strong winds, High Seas
Oil rig OCEAN EXPRESS sank at 27.47N and 96.16W. Thirteen crewmen died when their escape capsule overturned.										
COTULLA LaSalle County	15	2048	-	-	0	0	?	?		Strong wind
Airport at Cotulla reported peak wind of 55 knots. No damage reported.										
Kendall County	17	2010-2030	-	-	0	0	?	?		Hail
Marble to golfball size hail produced by a line of thunderstorms moving northeastward. Most hail fell over open country with no major damage reported.										
Victoria & Goliad Counties	18	1415-2020	-	-	2	0	5	?		Hailstorms and heavy rains
Numerous reports of marble size to golfball size hail. Some stones the size of oranges were reported by the public in SW Victoria. Most activity was NW of Victoria. Hail caused estimated damage of \$100,000. Heavy rains produced flooding and a washout over Hwy 59 one and one half miles east of Fannin in Goliad County. Two automobiles were swept off the road and two infants were drowned as their parents abandoned automobile. Flood damage was set near \$75,000.										
FANNIN Goliad County	18	1820	?	?	0	0	0	0	0	Tornado
Tornado briefly touched down one mile west of Fannin in an open field causing no damage.										
DEL RIO Val Verde County	20	0105	-	-	0	0	?	?		Hail
Ten miles east of Del Rio golfball size hail reported. No major damage indicated.										
ALICE Jim Wells County	20	0605	-	-	0	0	4	?		Wind, hail
Thunderstorm winds ripped a roof off a hangar at the Alice Airport. 3/4 inch hail reported.										
KINGSVILLE Kleberg County	20	0720	-	-	0	0	0	0	0	Funnel Cloud
Sighted SNE Kingsville moving southeast. Brownsville radar indicated a hook echo in the area at this time. No indication of touching down.										
FLOUR BLUFF Nueces County	20	0755	10**	10	0	0	3	0	0	Tornado Funnels
Small tornado touched down briefly and took the roof off a boat garage. A loud roar accompanied the tornado. Several other funnels were sighted in the Corpus Christi area.										
Near Padre Is. Ranger Station Kleberg County	20	0920	-	-	0	0	0	0	0	2 Funnel Clouds
Observed by Park Rangers moving northeast into the Gulf.										

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					KILLED	INJURED	PROPERTY	CROPS		

TEXAS (continued) SOUTHERN LATE REPORTS APRIL 1976										
PORT OCONNOR Calhoun County	20	0945	-	-	0	0	?	?		Strong Wind
The Coast Guard Station at Port Oconnor reported winds gusting to 50 knots. No damage indicated.										
FLORENCE Williamson County	24	1525	-	-	0	0	4	?		Hail
Marble size to golfball size hail reported by Co-op observer. Minor damage to automobiles and roofs.										
Between Gregory and Aransas Pass San Patricio County	24	2230	-	-	0	0	2	0		Funnel, Windstorm
Roof damage to home near Highway 35. Funnel sighted in area but could not be confirmed as touching down.										
Near Bishop Nueces County	28	0644	1/2	30	0	0	3	0		Tornado, Funnel
Funnel sighted 4 SE Bishop moving northwest. Touched down briefly 3 times before striking a residence on the southeast side of Bishop. One barn lifted off the ground and windows broken out of nearby house. A second funnel sighted NW of Bishop.										
CALALLEN Nueces County	29	0640	-	-	0	0	0	0		Funnel
Reported near Nueces River Bridge moving southeast.										
SKIDMORE Bee County	29	0700	1	35	0	0	4	0		Tornado
Tornado ripped off part of Jr. High School roof. Moved east and took the roof off a carport and blew it into a nearby home.										
COPANO BAY Aransas County	29	0715	?	?	0	0	3	0		Waterspout
Struck oil rig and tore roof off the galley and destroyed walkway. Crewboat was thrown about but no injuries.										
Near Riviera Kleberg County	29	0715	-	-	0	0	0	0		Funnel Cloud
No indication of touching down.										
MAY 1976										
ONALASKA Polk County	2	0448	-	-	0	0	2	0		Electrical
Lightning struck a meter box and caused a minor fire to a house in Paradise Acres on FM 366.										
DEL RIO Val Verde County	5	1529	-	-	0	0	0	0		Hail
1/2 to 3/4 inch diameter hail. No damage.										
MOUNTAIN HOME Kerr County	5	1730	-	-	0	0	0	0		Hail
3/4 to 1-3/4 inch diameter hail. No damage. Storm moved east at 15 mph.										
PEARSALL Frio County	5	1915	-	-	0	0	3	?		Wind and Hail
3/4 to 1-3/4 inch diameter hail 55SW Pearsall. Damaged windshields of automobiles. High line poles sheared off due to strong winds 45W Pearsall.										
WIMBERLY Hays County	5	1945	-	-	0	0	0	0		Hail
1-3/4 inch diameter hail reported 1DN Wimberly. No damage.										
FREDERICKSBURG Gillespie County	5	2100	-	-	0	0	?	?		Hail
3/4 to 1-3/4 inch diameter hail reported by SKIDMORE observer. 6S of Fredericksburg some tree damage and peach crop lost.										
KYLE Hays County	5	2115	-	-	0	0	0	0		Hail
SW Kyle 1-3/4 inch diameter hail. No damage reported.										
GEORGETOWN Williamson County	6	1745	-	-	0	0	?	?		Hail
3/4 to 1-3/4 inch diameter hail reported in Georgetown. No significant damage.										

STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS				ESTIMATED DAMAGE	CHARACTER OF STORM	
					KILLED	INJURED	PROPERTY	CROPS			
TEXAS (continued) SOUTHERN LATE REPORTS											
JOHNSON CITY Blanco County	6	1750-2200	-	-	3	0	?	?		Hail & Heavy Rain	
3N Johnson City 1-3/4 inch diameter hail. 6E Johnson City 1/2 to 3/4 inch diameter hail caused minor damage. Heavy rains caused stream flooding in Miller Creek. Three (3) persons were killed attempting to cross a low water crossing. The auto stalled and was swept downstream.											
COMFORT Kendall County	6	1930	-	-	0	0	?	?		Hail and heavy rain	
3/4 to 1-3/4 inch diameter hail reported from storm moving southeast at 15 mph. Minor damage to trees.											
FREDERICKSBURG Gillespie County	7	Early morning	-	-	0	0	4	0		Electrical	
Lightning struck an electrical inlet that started a fire at Stein Lumber Co. Estimated damages were near \$40,000. Also, lightning struck a water main and caused it to burst.											
GRANGERLAND Montgomery County	7	Midday	-	-	0	0	?	0		Electrical	
Lightning struck an oil storage tank and caused a fire. No injuries.											
BAYTOWN Harris County	7	Early afternoon	-	-	0	0	?	0		Electrical	
A crude oil storage tank was struck by lightning and caused a small fire.											
BEAUMONT Jefferson County	7	0145	-	-	0	0	0	0		Hail	
Hail 1/2 to 3/4 inch in diameter fell over west portions of Beaumont. No damage reported.											
SAN ANTONIO Bexar County	7	0230-1015	-	-	0	0	5	0		Hail and heavy rain	
Rains up to 5.5 inches fell over the San Antonio westside and caused rapid rises in local streams. 40 homes were flooded along Zarcamora Creek with damage near \$200,000. Numerous underpasses and low water crossings were flooded leaving many motorists stranded for several hours. 1-3/4 inch diameter hail was reported in Northwest San Antonio. No damage from hail was reported.											
DEL RIO Val Verde County	7	0544	-	-	0	0	0	0		High wind	
Wind gust to 56 mph was recorded.											
MIDWAY Jim Wells County	7	0900	-	-	0	0	0	0		2 funnels	
Sighted near Highways 624 and 281 moving to the south.											
ORANGE GROVE Jim Wells County	7	0940	?	?	0	0	?	0		Tornado	
Tornado touched down near 624 and 738. Uprooted a large tree.											
CORPUS CHRISTI Nueces County	7	0950	?	?	0	0	0	0		Tornado, funnel	
Tornado touched down briefly near Violet Road and I-37. Another funnel was sighted in the area.											
CORPUS CHRISTI Nueces County	7	1015	-	-	0	0	0	0		Funnel	
Sighted near Highway 44 and Padre Island Drive.											
TELFERNER Victoria County	7	1030-1110	6	30	0	0	4	?		Funnel-Tornado	
Sighted as a funnel over downtown Victoria moving northeast. Touched down briefly between Telferner and Inez on Highway 59 and damaged highway signs. Continued moving northeast south of and parallel to Highway 59 into Jackson County. Damage in Victoria County \$2000. Touched down southeast of Edna on Highways 111 and 1022 and moved northeast toward Canada for approximately 6 miles. Uprooted trees and scattered debris along path. Took off roofs from 2 barns and 2 houses. Damage in Jackson County \$8000. System produced small hail. Numerous windows out in south part of Edna.											
FLOUR BLUFF Nueces County	7	1040	-	-	0	0	0	0		Funnel	
SARITA Kenedy County	7	1100	-	-	0	0	0	0		Funnel	
Sighted 4 miles east of Sarita.											
ADDICKS Harris County	7	1215	?	?	0	0	0	0		Tornado	
A tornado touched down briefly near Addicks moving east in an open field. No damage.											
TEXAS (continued) SOUTHERN LATE REPORTS											
ALIEP Harris County	7	1315	?	?	0	0	0	0		Tornado	
Touched down briefly in an open field. No damage. Storm moved east.											
SOUTH HOUSTON-PASADENA-HIGHLANDS Harris County	7	1321-1348	12	75	0	1	5	0		Tornado	
Sighted in South Houston where a concrete block wall and roof of a commercial building was caved in and debris was scattered for 2 city blocks. Moved northeast apparently skipping over much of eastern Houston and damaged roofs of 5 buildings in an apartment complex and moved on to damage a service station by ripping off the roof and caving in one wall in Pasadena. Two (2) mobile homes and numerous outbuildings were destroyed near Highlands. One woman was injured while in one of the mobile homes destroyed. Wind speeds of 95 mph, 75 mph, and 59 mph were recorded at the Baytown Exxon Refinery, Robby Airport, and Ellington AFB, respectively.											
GALVESTON Galveston County	7	1405	-	-	1	0	0	0		Electrical	
One man was killed by lightning during a thunderstorm. The individual was seeking shelter from the rain and touched a tree just as lightning struck it.											
ALGOA Galveston County	10	Midday	-	-	0	0	?	0		Electrical	
A residence was struck by lightning and minor damage occurred due to an electrical fire.											
LIBERTY Liberty County	10	1215	?	?	0	0	0	0		Tornado	
Touched down briefly in an open field near Liberty. No damage.											
LITTLE CYPRUS Orange County	10	1240	-	-	0	0	0	0		Funnel	
Dipped out of the cloud three times but never touched the ground.											
ORANGE Orange County	10	1315	-	-	0	0	0	0		High winds	
Livingston Shipyard in Orange recorded sustained winds of 60 mph. No damage.											
ORANGEFIELD Orange County	10	1350	-	-	0	0	0	0		Hail	
3/4 to 1-3/4 inch diameter hail. No damage.											
GALVESTON BAY Chambers County	10	1425	-	-	0	0	0	0		Funnel	
Sighted over Galveston Bay east of Kemah moving east.											
ALGOA Galveston County	10	1720	2	50	0	0	4	0		Tornado	
Tornado touched down briefly in Algoa, uprooted trees, destroyed a mobile home and a few signs, and moved another mobile home from its foundation.											
BAY CITY Matagorda County	11	1550	-	-	0	0	0	0		Funnel	
Sighted 6 miles south of Bay City moving east.											
GEORGETOWN Williamson County	11	1925	-	-	0	0	0	0		Hail	
1-3/4 inch diameter hail reported 3 NE Georgetown. No damage.											
LIBERTY Liberty County	12	1415	?	?	0	0	0	0		Tornado	
DPS reported a tornado touched down in an open field west of Liberty. Galveston radar indicated a hook echo near Dayton. Movement was north-east. No damage.											
BEAUMONT Jefferson County	12	1525	-	-	0	0	0	0		Funnel	
Reported by Beaumont Fire Department over North Beaumont. Remained aloft. No damage.											
AUSTIN Travis County	12	1950-2000	1.2	50	0	0	5	0		Tornado	
Damage done to commercial property along both sides of Anderson Lane in North Austin. Storm moved to ESE. One (1) car destroyed, four (4) others damaged. Numerous roofs were blown off and scattered east of path. Several out buildings destroyed and store fronts damaged.											
AUSTIN Travis County	12	1955	-	-	0	0	0	?		Hail	
5 miles NE of Austin 1 inch diameter hail. Minor damage to trees.											

STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)									
SOUTHERN									
LATE REPORTS									
			MAY 1976						
YOAKUM Lavaca County	12	2130	-	-	0	0	0	0	Hail
			3/4 inch diameter reported at Yoakum.						No damage.
RAYMONDVILLE Willacy County	13	0930	-	-	0	0	?	0	Electrical
			Lightning struck an oil storage tank and started a blaze which caused two other tanks to explode. The fire from the explosion caught a fourth tank on fire.						
LOYAL VALLEY Mason County	23	1715	5	100	0	0	0	4	C Tornado
			East of Loyal Valley moving southeast toward Prairie Mountain. Destroyed one (1) house, ripped fencing, damaged trees and killed livestock along path.						
PRAIRIE MOUNTAIN Llano County	23	1720-1730	2	100	0	0	5	3	Tornado
			South of rural community of Prairie Mountain one (1) barn and two (2) houses destroyed. Two more houses damaged. Numerous trees snapped near the ground. Fencing carried away. 1/2 inch diameter hail reported with storm. Moved SE toward Crabapple Creek and destroyed one (1) mobile home.						
FREDERICKSBURG Gillespie County	23	1720-1740	-	-	0	0	5	0	Hailstorm
			Area of damage was 7 miles long and 3 miles wide in and around Fredericksburg. 1/2 to 1-1/2 inch diameter hail fell damaging roofs, windows, and autos.						
15N FREDERICKSBURG Gillespie County	23	1735	-	-	0	0	4	3	Hailstorm
			Damage of ranch country done over a path 5 miles long and 2 miles wide. 1 to 3 inch diameter hail reported covering the ground to 3 inches in places. Storm moved southeast.						
FREDERICKSBURG Gillespie County	23	1815	1	100	0	0	3	3	Tornado
			9 E of Fredericksburg in open country moving SE. Damage to fences and trees.						
STONEWALL Gillespie County	23	1830	-	-	0	0	5	5	Hailstorm
			Crop damage in and around Stonewall done by 1-1/2 inch diameter hail falling over peach orchards. Property damage to autos and house roofs.						
ALBERT Gillespie County	23	1845-1925	15	200	0	0	5	4	Tornado and hail
			Damage along Highway 1626 from near Albert to near Blanco done mainly to fences and power lines. Loud roar was heard. 1 inch to 1-1/2 inch diameter hail fell and \$10,000 damage to property and \$20,000 damage to the peach crop.						
3E SAN SABA San Saba County	25	1810	-	-	0	0	?	?	Hail
			1-1/2 inch diameter hail. No damage reported.						
TOW Llano County	25	1830	?	?	0	0	0	0	Tornado
			Briefly touched down 3 miles northeast of Tow just north of Lake Buchanan. Moved SE. No damage.						
LAKE VICTOR Burnet County	25	1910-1925	3	150	0	0	5	3	Tornado
			Many windows broken. One (1) truck and camper destroyed. Several houses unroofed and several outbuildings destroyed. Many trees uprooted. Witnesses heard "it thundering like a train." Storm moved SSE.						
LIBERTY HILL Williamson County	25	1930-1935	-	-	0	0	5	3	Hail
			Hail stones 1-1/2 to 2-1/2 inches in diameter fell over Liberty Hill damaging windows, roofs, and autos. Crop damage was to private gardens.						
6 NE GEORGETOWN Williamson County	25	2050	-	-	0	0	0	0	Funnel
			Reported by Sheriff's office. No damage.						
NORTH ZULCH Madison County	25	Evening	-	-	0	0	4	3	Hail
			3-1/2 inch diameter hail.						
13 NW HONDO Medina County	25	2340	-	-	0	0	0	0	Funnel
			No damage.						
TEXAS (continued)									
SOUTHERN									
LATE REPORTS									
LOCKHART Caldwell County	26	Early morning	-	-	0	0	?	0	Electrical
			Lightning caused one crude oil tank to explode. The explosion caused a fire which spread to three other tanks. Damage was termed "heavy."						
ALICE Jim Wells County	26	0325	-	-	0	0	?	?	Hail
			1/2 to 3/4 inch diameter hail.						
CORPUS CHRISTI BAY Nueces County	26	0415	-	-	0	0	0	0	Funnel
			Observed by Navy personnel over the Bay about 4 miles NE of NAS Corpus Christi.						
EDROY San Patricio County	26	0415	1/2	40	0	1	4	0	Tornado
			Tornado touched down and destroyed several farm buildings before completely demolishing a mobile home which was tied down. An automobile was heavily damaged. One man was injured.						
ODEM San Patricio County	26	0415	-	-	0	0	4	0	Windstorm
			About 12 mobile homes in the Odem area suffered damage.						
GALVESTON Galveston County	26	0830	-	-	0	0	0	0	High wind
			Winds gusting to 64 mph. No damage.						
15 N BURNET Burnet County	26	1630	-	-	0	0	0	0	Hail
			1-3/4 inch diameter hail over open country. No damage.						
5 NE BURNET Burnet County	26	1650-1740	15	300	0	0	5	5	Tornado and hail
			Hook echo on Austin radar at 1640 9 N Burnet. Storm moved SSE. Tornado sighted on Shady Grove Road 5 NE Burnet. 5 E Burnet one dwelling destroyed, 2 other houses and 4 mobile homes damaged. Carports blown away and numerous trees down. 1-3/4 to 3-1/2 inch diameter hail caused \$50,000 property damage and \$10,000 crop damage. 4 W Bertram Historic church and community center heavily damaged.						
4 W BURNET Burnet County	26	1725-1735	3	100	0	0	5	?	Tornado, hail
			3/4 to 1-3/4 inch hail. Little to no damage due to hail. Hook echo visible on Austin radar. Tornado visible from Burnet. Two houses, 2 mobile homes, and 2 outbuildings heavily damaged. Storm moved S.						
LIBERTY HILL Williamson County	26	1802	-	-	0	0	0	0	Hail
			1/2 to 3/4 inch diameter hail						
JONESTOWN-LAKE TRAVIS Travis County	26	1805-1820	-	-	0	0	5	4	Funnel, hail
			1-3/4 to 2-3/4 inch hail fell along a path 5 miles long and 1/2 mile wide and covering the ground in places to a depth of 2 inches. A funnel cloud was sighted and tracked just west of the hail damage. A wind gust to 70 mph was recorded at Lake Travis Dam although no damage due to wind was reported.						
3 NW AUSTIN Travis County	26	1835-1846	-	-	0	0	0	0	Funnel
			Moving SE, appeared as a trunk, narrow at the base and expanding to a large cone at the top. Observed by FWS observer.						
AUSTIN Travis County	26	1849	-	-	0	0	0	0	High wind
			Gust at Austin International Airport to 53 mph. No damage.						
LOCKHART Caldwell County	26	2006	-	-	0	0	0	0	Funnel
			5 NE of Lockhart funnel sighted then receded into cloud						
10 SW SEGUIN Guadalupe County	26	2030	-	-	0	0	0	0	Hail
			1-3/4 inch diameter hail fell briefly over open country.						
TILMON Caldwell County	26	2040-2045	-	-	0	0	5	4	Hail
			1-3/4 to 2-1/2 inch diameter hail. Patches of hail nearly covering the ground and to a depth of 2 inches in places.						

STORM DATA AND UNUSUAL WEATHER PHENOMENA

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
TEXAS (continued)									
SOUTHERN									
LATE REPORTS									
			MAY 1976						
STAFFORD Fort Bend County	26	2235	?	?	0	0	0	0	Tornado
			Reported by SPS. No damage.						
PORT INGLESIDE San Patricio County	29	1945	-	-	0	0	0	0	Funnel
			Sighted by Coast Guard unit.						
TOMBALL Harris County	31	0830	-	-	0	0	0	0	High wind
			Winds gusts to 68 mph at Hooks Airport. No damage.						
SOMERVILLE Burlison County	31	0930	-	-	1	0	0	0	Electrical
			A fifteen year old boy was struck in the head by lightning while camping and died several days later after never regaining consciousness.						
SUGARLAND Harris County	31	1015	-	-	0	0	3	0	Funnel
			Did not touch the ground but winds caused a barn to collapse.						
PASADENA Harris County	31	1025	-	-	0	0	0	0	Funnel
			Several public sightings.						
SANDY Blanco County	31	1534	?	?	0	0	0	0	Tornado
			Touched down briefly.						
2 N JOHNSON CITY Blanco County	31	1700-1730	5	250	0	0	4	4	Tornado and hail
			Many large trees uprooted and power lines down from just east of Johnson City ESE to Hays County line. Residents heard a loud roar for 20 minutes moving from west to east. Austin and Hondo radars observed hook echoes. Hail stones 1 to 1-1/2 inch diameter fell along an 8 mile path 1/4 to 1 mile wide causing \$5,000 damage to property and \$1,000 to crops.						
2 N HENLEY, DRIPPING SPRINGS, BUDA, SAN MARCOS Hays County	31	1730-2130	-	-	0	0	5	3	2 funnels, hail and high winds
			Intermittent damage over a path 30 miles long and 8 miles wide from near Henley to just east of San Marcos. One funnel sighted near Dripping Springs. Second funnel reported about 5 NE San Marcos. 3/4 to 1-3/4 inch hail along path causing property damage near \$50,000 and crop damage to near \$5,000. Six mobile homes destroyed due to high winds at Green Pasture. Winds estimated to be 40-65 mph. Minor wind and hail damage at Buda and Kyle.						
Starr County	31	2000	-	-	0	0	6	?	High wind and hail
			A severe thunderstorm with hail larger than 3/4 inch and winds estimated to be near 100 mph destroyed 70-100% yield from crops on 15,000 acres. 150 farm dwellings were damaged and 76 farm buildings were damaged or destroyed.						
LOCKHART Caldwell County	31	2200	-	-	0	0	5	0	Electrical
			Lightning damaged one (1) house and destroyed one (1) oil storage tank.						
8 SE CONROE Montgomery County	31	2245	-	-	0	0	0	0	Hail
			3/4 to 1-3/4 inch diameter.						
VIRGINIA									
LATE REPORTS									
			JULY 1975						
Newville(near), Sussex County	13	7:00 p	1/4	65	0	0	4	0	Tornado
			A tornado, moving SW to NE, touched down and completely destroyed a house trailer, damaged a nearby house, uprooted several trees, and cut two power transmission lines. Debris from the trailer was scattered over a four-mile area. The funnel cloud was observed over a distance of 7 to 8 miles. The house, a frame bungalow, was moved about four inches on its foundation. The trailer was unoccupied at the time and the residents of the house escaped injury by seeking shelter in the basement upon sighting the tornado.						

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS		ESTIMATED DAMAGE		CHARACTER OF STORM
					KILLED	INJURED	PROPERTY	CROPS	
VIRGINIA (continued)									
LATE REPORTS									
Westmoreland County	17	5:00 p	0.4	30	0	0	4	0	Tornado
			A tornado in the lower part of the county, moving from SW to NE, passed into the Potomac River from Tucker Hill. One witness reported "the sound was almost indescribable". Trees were knocked down. A large locust tree crashed against a grain elevator, damaging it. Across the road a fertilizer storage facility was almost destroyed. It should be noted that a waterspout was reported 10 miles east of Tangier Island, Chesapeake Bay, a short time later (Also cited among the July 1975 Storms).						
Bridgewater, Rockingham County	20	3:30 p - 4:00 p			0	0	3	0	Lightning, wind
			A severe thunderstorm brought minor damage to this area. A house was damaged by fire set by lightning; also, a church steeple was struck, resulting in minor damage. Several trees were knocked down and utility service was interrupted in scattered areas.						
Clark and Frederick Counties	20-21				0	0	3	0	Rain
			Heavy rain brought flash flooding to the area, particularly along the Opequon. Many basements were flooded and several commercial shops were not able to operate for a short time. Several secondary roads were blocked.						
Waynesboro	21	2:45 p - 7:00 p			0	0	3	0	Rain, lightning
			Two heavy downpours, up to 3.30 inches of which 2.62 inches fell in 80 minutes, caused flash flooding in the area. Yards and basements were flooded and storm sewers overflowed. Some power outages were reported. A freak bolt of lightning struck a cliff above the west-bound lane of Interstate 66, showering rocks on the roadway for some 50 feet.						
Rockingham and Shenandoah Counties	24	1:00 p - 6:30 p			0	0	3	0	Rain
			Severe thunderstorms swelled the North Fork of the Shenandoah and caused some flooding in low-lying areas. Five inches of rainfall, reported to have fallen in two hours at Pulks Run, broke a record of 4.5 inches in a 3-hour period back on July 23, 1926. Three families were evacuated from their homes.						
WEST VIRGINIA									
LATE REPORTS									
			NOVEMBER 1975 NONE REPORTED						
			MARCH 1976 NONE REPORTED						
o	Includes crop damage.								
C	Crop damage.								
*	Miles instead of yards.								
**	Yards instead of miles.								
†	Storm damages are placed in categories varying from 1 to 9 as follows:								
1	Less than \$50								
2	\$50 to \$500								
3	\$500 to \$5,000								
4	\$5,000 to \$50,000								
5	\$50,000 to \$500,000								
6	\$500,000 to \$5 Million								
7	\$5 Million to \$50 Million								
8	\$50 Million to \$500 Million								
9	\$500 Million to \$5 Billion								
Note: This publication contains our best information on storms but, due to the difficulties inherent in collection of the type of data, it is not all-inclusive. Late Reports and corrections will be carried in the June and December issues of this publication.									
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